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* * * * * Welcome to STN International * * * * *

| | | | |
|------|----|--------|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | MAY 01 | New CAS web site launched |
| NEWS | 3 | MAY 08 | CA/CAPLUS Indian patent publication number format defined |
| NEWS | 4 | MAY 14 | RDISCLOSURE on STN Easy enhanced with new search and display fields |
| NEWS | 5 | MAY 21 | BIOSIS reloaded and enhanced with archival data |
| NEWS | 6 | MAY 21 | TOXCENTER enhanced with BIOSIS reload |
| NEWS | 7 | MAY 21 | CA/CAPLUS enhanced with additional kind codes for German patents |
| NEWS | 8 | MAY 22 | CA/CAPLUS enhanced with IPC reclassification in Japanese patents |
| NEWS | 9 | JUN 27 | CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers |
| NEWS | 10 | JUN 29 | STN Viewer now available |
| NEWS | 11 | JUN 29 | STN Express, Version 8.2, now available |
| NEWS | 12 | JUL 02 | LEMBASE coverage updated |
| NEWS | 13 | JUL 02 | LMEDLINE coverage updated |
| NEWS | 14 | JUL 02 | SCISEARCH enhanced with complete author names |
| NEWS | 15 | JUL 02 | CHEMCATS accession numbers revised |
| NEWS | 16 | JUL 02 | CA/CAPLUS enhanced with utility model patents from China |
| NEWS | 17 | JUL 16 | CAPLUS enhanced with French and German abstracts |
| NEWS | 18 | JUL 18 | CA/CAPLUS patent coverage enhanced |
| NEWS | 19 | JUL 26 | USPATFULL/USPAT2 enhanced with IPC reclassification |
| NEWS | 20 | JUL 30 | USGENE now available on STN |
| NEWS | 21 | AUG 06 | CAS REGISTRY enhanced with new experimental property tags |
| NEWS | 22 | AUG 06 | BEILSTEIN updated with new compounds |
| NEWS | 23 | AUG 06 | FSTA enhanced with new thesaurus edition |
| NEWS | 24 | AUG 13 | CA/CAPLUS enhanced with additional kind codes for granted patents |

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

| | |
|------------|---|
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 |

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:56:37 ON 15 AUG 2007

=> file registry
COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 0.21 | 0.21 |

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 17:56:55 ON 15 AUG 2007
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 14 AUG 2007 HIGHEST RN 944643-48-5
DICTIONARY FILE UPDATES: 14 AUG 2007 HIGHEST RN 944643-48-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

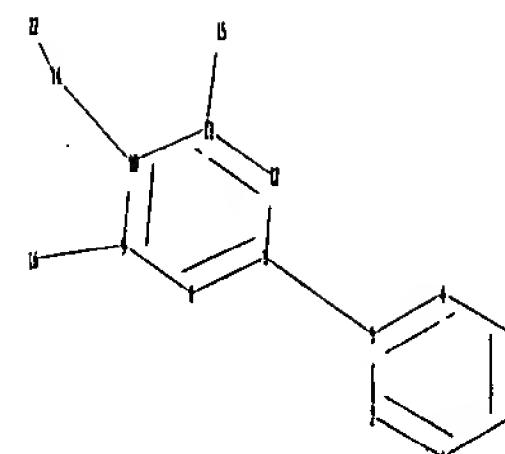
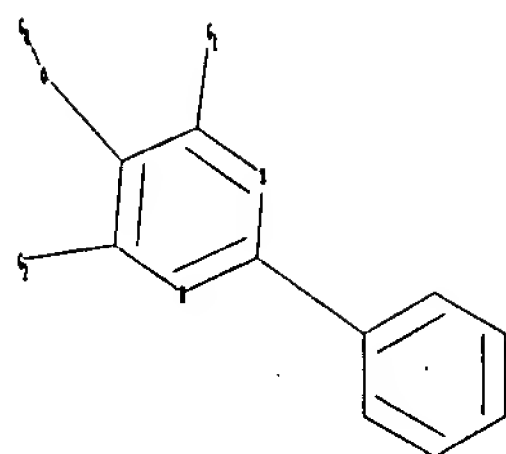
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\9 series\9811359h.str



chain nodes :
 14 15 16 22
 ring nodes :
 1 2 3 4 5 6 7 8 9 10 11 12
 chain bonds :
 3-7 9-16 10-14 11-15 14-22
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
 exact/norm bonds :
 9-16 10-14 11-15 14-22
 exact bonds :
 3-7
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
 isolated ring systems :
 containing 7 :

G1: Ak, X, H, MeO, EtO, n-PrO, i-PrO, n-BuO, i-BuO, s-BuO, t-BuO, CN, NO2

G2: H, Ak, MeO, EtO, n-PrO, i-PrO, n-BuO, i-BuO, s-BuO, t-BuO, CN, NO2

G3:H,Ak

G4:Cb,Ak

Match level :

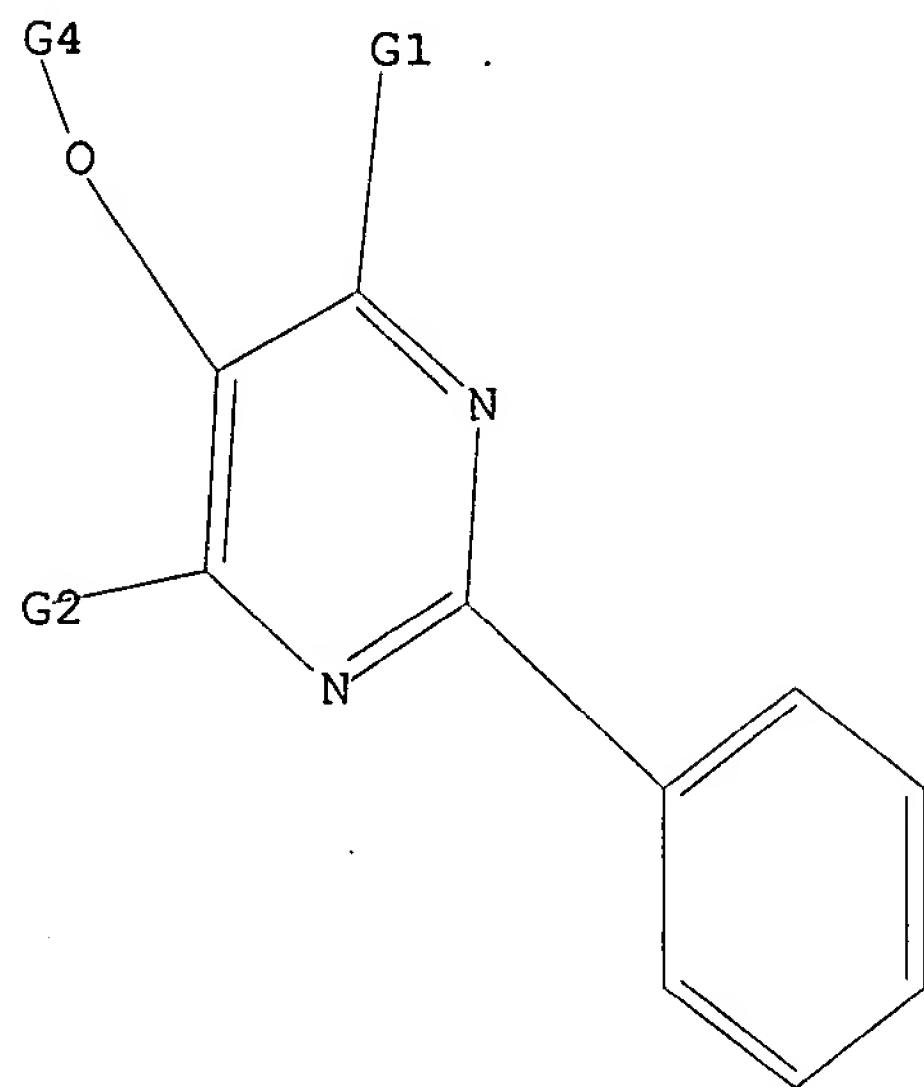
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 14:CLASS 15:CLASS 16:CLASS 22:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 Ak,X,H,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,NO2

G2 H,Ak,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,NO2

G3 H,Ak

G4 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 17:57:25 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 451 TO ITERATE

100.0% PROCESSED 451 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 7746 TO 10294

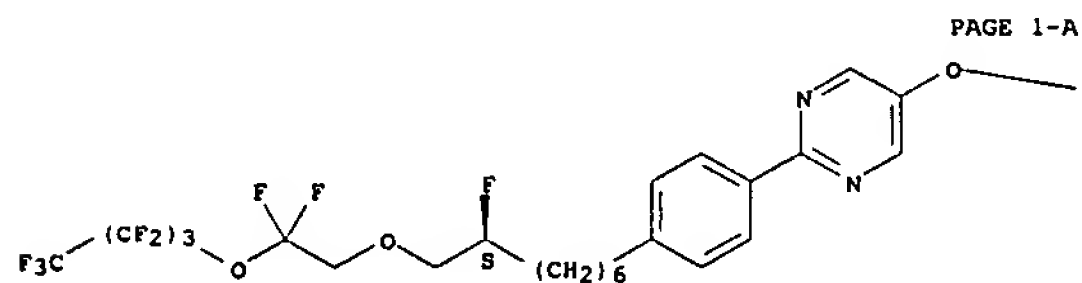
PROJECTED ANSWERS: 2884 TO 4516

L2 50 SEA SSS SAM L1

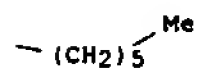
=> d scan

L2 50 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pyrimidine, 2-[4-[(7S)-8-[2,2-difluoro-2-(nonafluorobutoxy)ethoxy]-7-fluorooctyl]phenyl]-5-(hexyloxy)- (9CI)
 MF C30 H36 F12 N2 O3

Absolute stereochemistry.



PAGE 1-B

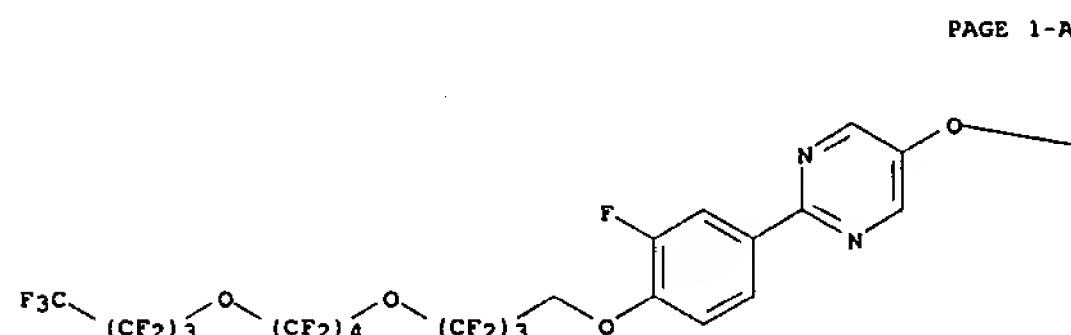


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

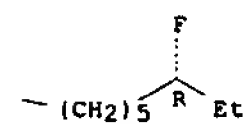
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 50 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pyrimidine, 2-[3-fluoro-4-[2,2,3,3,4,4-hexafluoro-4-[[1,1,2,2,3,3,4,4-octafluoro-4-(nonafluorobutoxy)butoxy]butoxy]phenyl]-5-[(6R)-6-fluorooctyl]oxy]- (9CI)
 MF C30 H23 F25 N2 O4

Absolute stereochemistry.



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 full
FULL SEARCH INITIATED 17:57:50 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9001 TO ITERATE

100.0% PROCESSED 9001 ITERATIONS 3725 ANSWERS
SEARCH TIME: 00.00.01

L3 3725 SEA SSS FUL L1

| => file caplus | SINCE FILE | TOTAL |
|----------------------|------------|---------|
| COST IN U.S. DOLLARS | ENTRY | SESSION |
| FULL ESTIMATED COST | 172.55 | 172.76 |

FILE 'CAPLUS' ENTERED AT 17:57:56 ON 15 AUG 2007
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FILE COVERS 1907 - 15 Aug 2007 VOL 147 ISS 8
FILE LAST UPDATED: 14 Aug 2007 (20070814/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

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L4 890 L3

=> s l3 not pd>19990316

890 L3

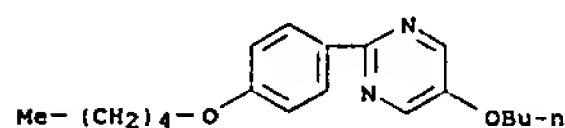
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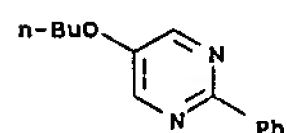
L5 565 L3 NOT PD>19990316

=> d l5 1-10 hitstr

L5 ANSWER 1 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 51518-77-5 287104-17-0D, derivs.
 RL: PRP (Properties)
 (variation of dipole moment with softness parameter of liquid
 crystalline materials)
 RN 51518-77-5 CAPLUS
 CN Pyrimidine, 5-butoxy-2-[4-(pentyloxy)phenyl]- (9CI) (CA INDEX NAME)

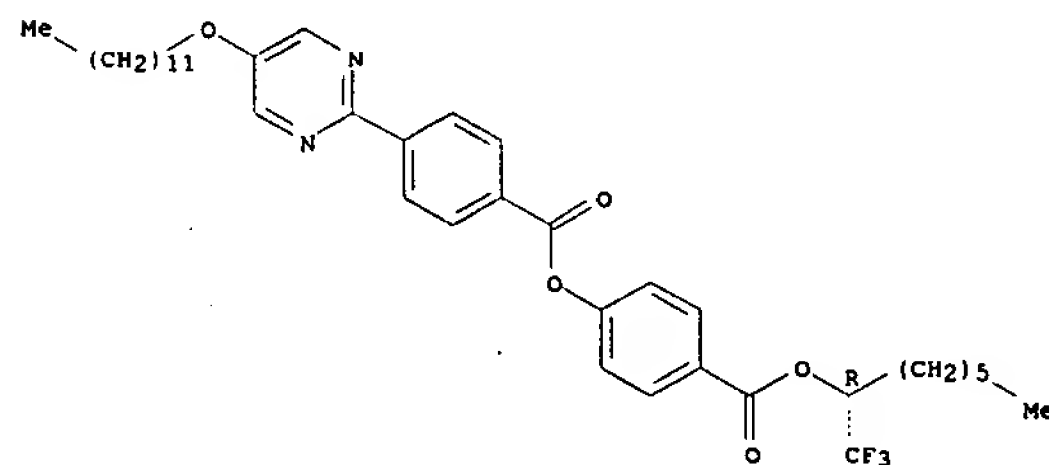


RN 287104-17-0 CAPLUS
 CN Pyrimidine, 5-butoxy-2-phenyl- (9CI) (CA INDEX NAME)



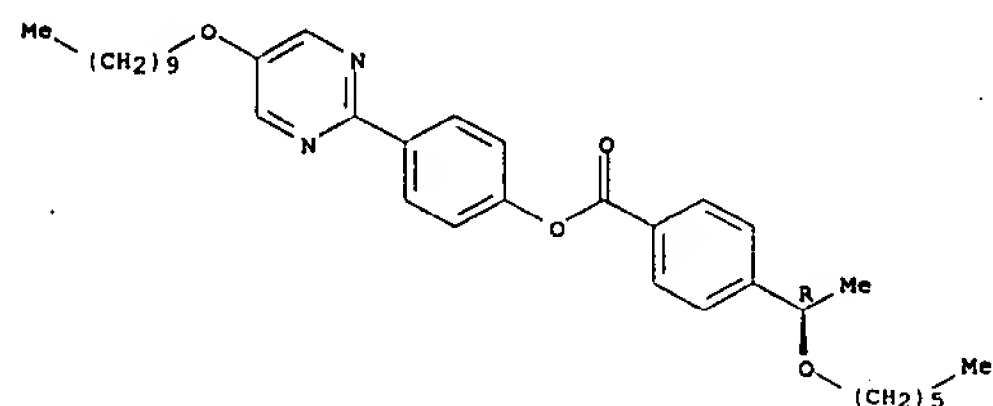
L5 ANSWER 2 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 134341-72-3
 RL: PEP (Physical, engineering or chemical process); PRP (Properties);
 PROC (Process)
 (antiferroelec. liquid crystal; elec.-field-induced
 SmA-antiferroelec.-
 subphase critical behavior of antiferroelec. liquid crystals)
 RN 134341-72-3 CAPLUS
 CN Benzoic acid, 4-[5-(dodecyloxy)-2-pyrimidinyl]-, 4-[[1-(trifluoromethyl)heptyloxy]carbonyl]phenyl ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



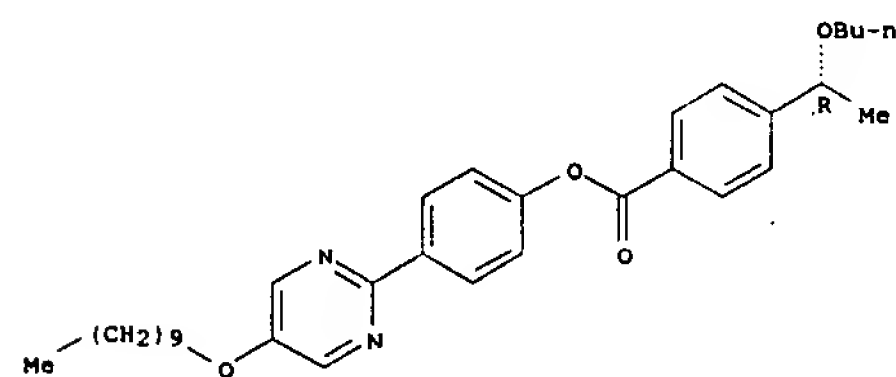
L5 ANSWER 3 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 130080-12-5 173211-33-1 270084-70-3
 270084-71-4
 RL: PEP (Physical, engineering or chemical process); PRP (Properties);
 PROC (Process)
 (achiral ferroelec. liquid crystal; sign inversion of spontaneous
 polarization in ferroelec. liquid crystal mixts.)
 RN 130080-12-5 CAPLUS
 CN Benzoic acid, 4-[1-(hexyloxy)ethyl]-, 4-[5-(decyloxy)-2-pyrimidinyl]phenyl
 ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 173211-33-1 CAPLUS
 CN Benzoic acid, 4-[1-butoxyethyl]-, 4-[5-(decyloxy)-2-pyrimidinyl]phenyl
 ester, (R)- (9CI) (CA INDEX NAME)

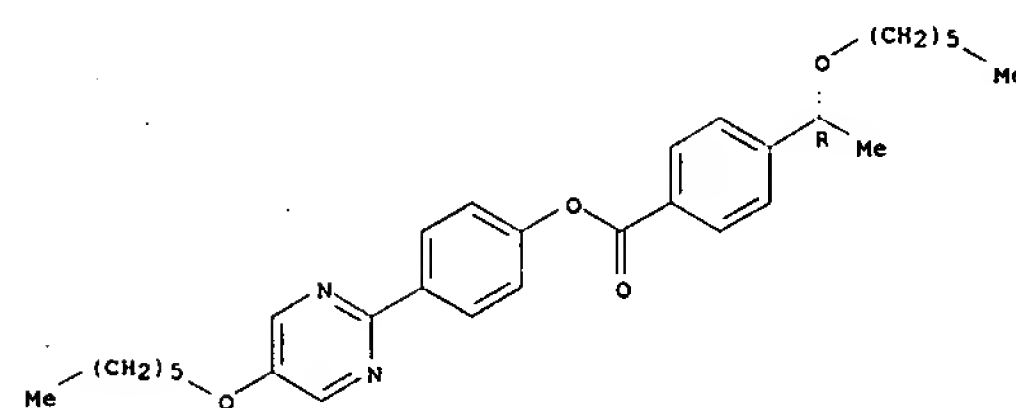
Absolute stereochemistry.



RN 270084-70-3 CAPLUS
 CN Benzoic acid, 4-[(1R)-1-(hexyloxy)ethyl]-, 4-[5-(hexyloxy)-2-pyrimidinyl]phenyl ester (9CI) (CA INDEX NAME)

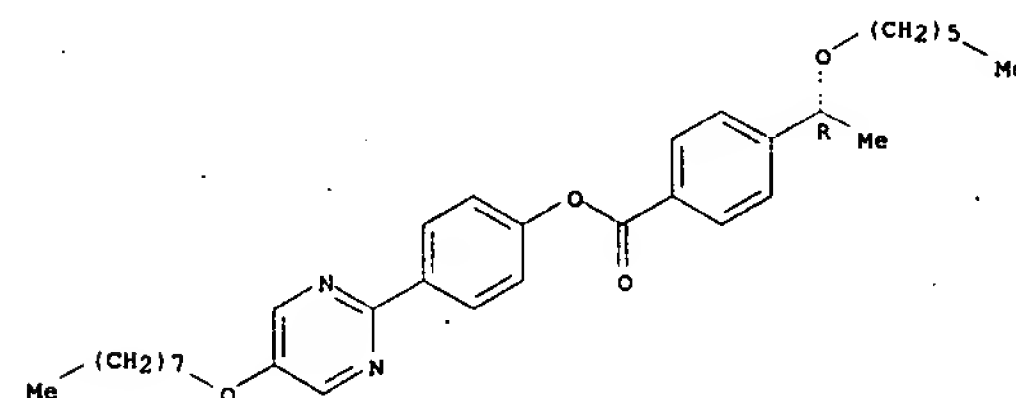
Absolute stereochemistry.

L5 ANSWER 3 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



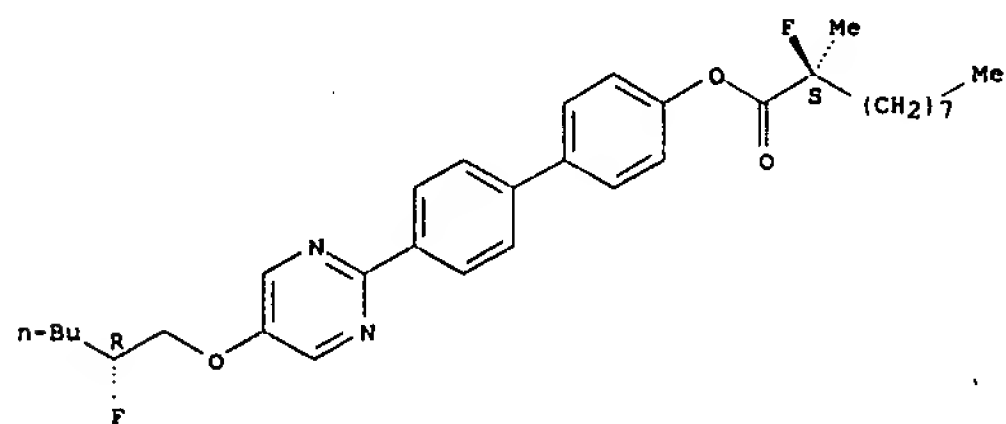
RN 270084-71-4 CAPLUS
 CN Benzoic acid, 4-[(1R)-1-(hexyloxy)ethyl]-, 4-[5-(octyloxy)-2-pyrimidinyl]phenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

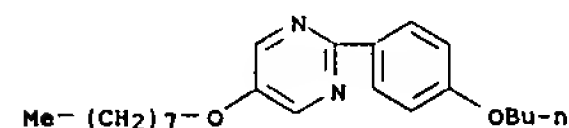


L5 ANSWER 4 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 251919-77-4P
 RL: PEP (Physical, engineering or chemical process); PRP (Properties);
 SPN (Synthetic preparation); PREP (Preparation); PROC (Process)
 (preparation and liquid crystal transitions of)
 RN 251919-77-4 CAPLUS
 CN Decanoic acid, 2-fluoro-2-methyl-, 4'-[5-[(2R)-2-fluorohexyl]oxy]-2-
 pyrimidinyl[1,1'-biphenyl]-4-yl ester, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



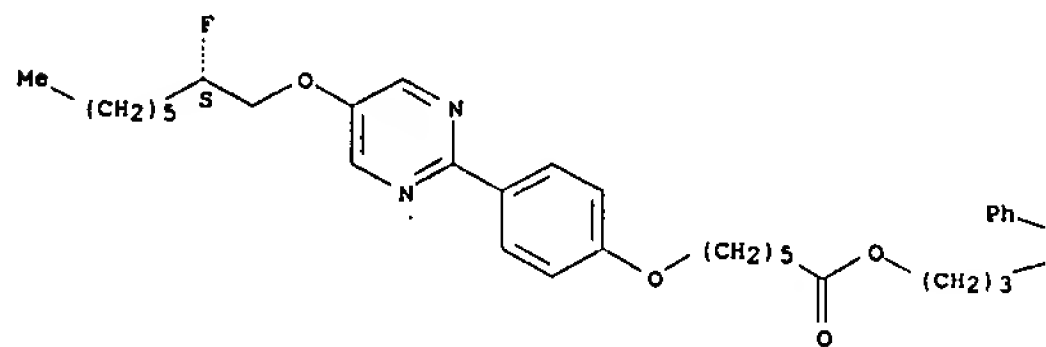
L5 ANSWER 5 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 121083-89-4
 RL: PEP (Physical, engineering or chemical process); PRP (Properties);
 PROC (Process)
 (ferroelec. liquid crystals induced by atropisomeric dopants:
 dependence
 of polarization power on core structure of smectic C host)
 RN 121083-89-4 CAPLUS
 CN Pyrimidine, 2-(4-butoxyphenyl)-5-(octyloxy)- (9CI) (CA INDEX NAME)



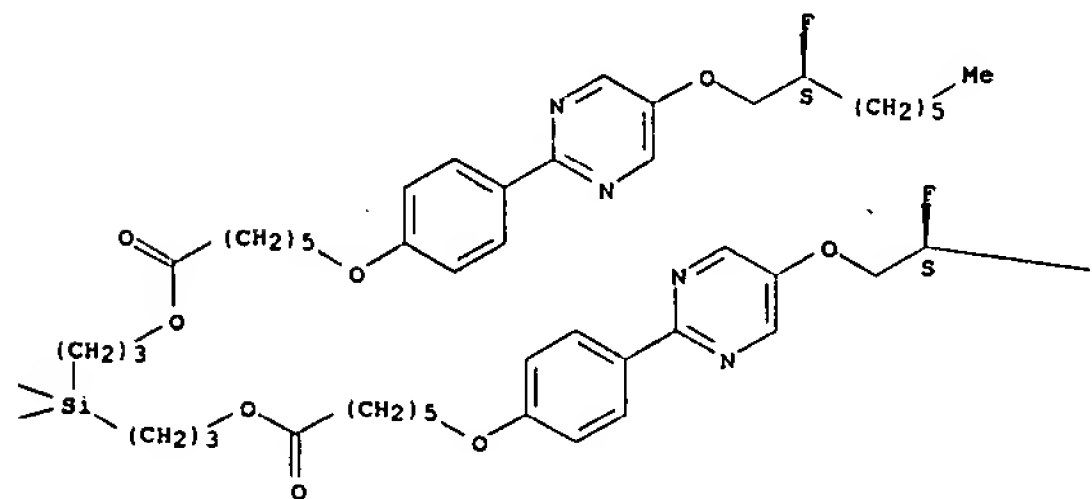
L5 ANSWER 6 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 244213-73-8P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (preparation and characterization of carbosilane dendrimers carrying
 mesogens with chiral substituent)
 RN 244213-73-8 CAPLUS
 CN Hexanoic acid, 6-[4-[5-[(2R)-2-fluorooctyl]oxy]-2-pyrimidinyl]phenoxy]-,
 (phenylsilylidyne)tri-3,1-propanediyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



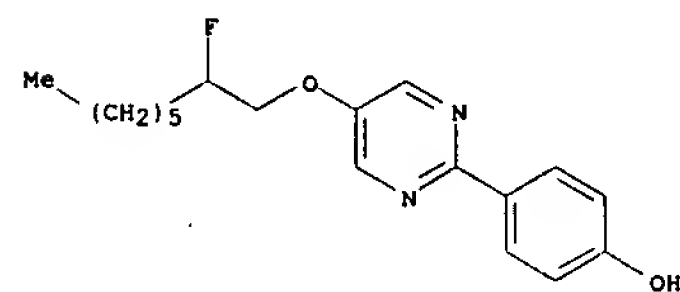
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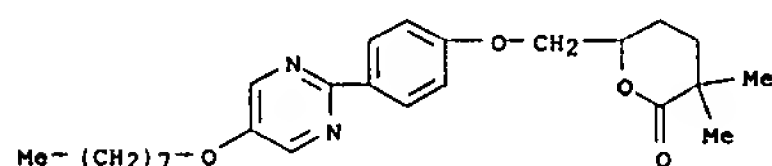
L5 ANSWER 6 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 PAGE 1-C

IT 244213-72-7
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation and characterization of carbosilane dendrimers carrying
 mesogens with chiral substituent)
 RN 244213-72-7 CAPLUS
 CN Phenol, 4-[5-[(2-fluorooctyl)oxy]-2-pyrimidinyl]-, (+)- (9CI) (CA INDEX NAME)

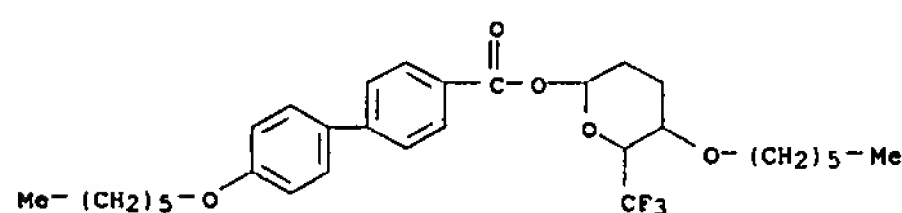
Rotation (+).



L5 ANSWER 7 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
IT 187875-86-1
RL: DEV (Device component use); USES (Uses)
(liquid-crystal mixture; high-quality liquid-crystal display device
with reduced DC offset potential)
RN 187875-86-1 CAPLUS
CN (1,1'-Biphenyl)-4-carboxylic acid, 4'-(hexyloxy)-,
5-(hexyloxy)tetrahydro-
6-(trifluoromethyl)-2H-pyran-2-yl ester, mixt. with 2-[4-[2,2-difluoro-2-
[1,1,2,2-tetrafluoro-2-(nonafluorobutoxy)ethoxy]ethoxy]phenyl]-5-
octylpyrimidine, 2-[4-[2,2-difluoro-2-[1,1,2,2-tetrafluoro-2-[1,1,2,2-
tetrafluoro-2-(trifluoromethoxy)ethoxy]ethoxy]ethoxy]phenyl]-5-
octylpyrimidine, 2-[4-[2,2,3,3,4,4-hexafluoro-4-
(nonafluorobutoxy)butoxy]phenyl]-5-octylpyrimidine and
tetrahydro-3,3-dimethyl-6-[[4-[5-(octyloxy)-2-pyrimidinyl]phenoxy]methyl]-
2H-pyran-2-one (9CI) (CA INDEX NAME)
CM 1
CRN 187875-81-6
CMF C26 H36 N2 O4

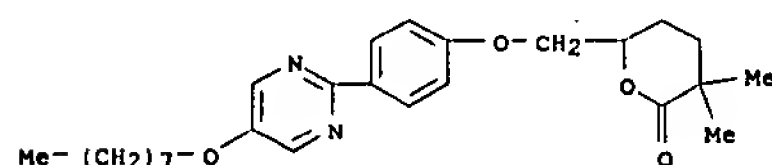


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CRN 185307-45-3
CMF C31 H41 F3 O5

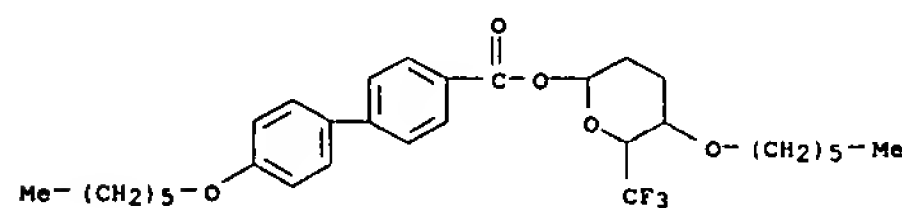


CM 3
CRN 152915-24-7
CMF C26 H25 F15 N2 O2

L5 ANSWER 8 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
IT 187875-86-1
RL: DEV (Device component use); TEM (Technical or engineered material
use); USES (Uses)
(manufacture of liquid-crystal element using thermosetting adhesive
for display device)
RN 187875-86-1 CAPLUS
CN (1,1'-Biphenyl)-4-carboxylic acid, 4'-(hexyloxy)-,
5-(hexyloxy)tetrahydro-
6-(trifluoromethyl)-2H-pyran-2-yl ester, mixt. with 2-[4-[2,2-difluoro-2-
[1,1,2,2-tetrafluoro-2-(nonafluorobutoxy)ethoxy]ethoxy]phenyl]-5-
octylpyrimidine, 2-[4-[2,2-difluoro-2-[1,1,2,2-tetrafluoro-2-[1,1,2,2-
tetrafluoro-2-(trifluoromethoxy)ethoxy]ethoxy]ethoxy]phenyl]-5-
octylpyrimidine, 2-[4-[2,2,3,3,4,4-hexafluoro-4-
(nonafluorobutoxy)butoxy]phenyl]-5-octylpyrimidine and
tetrahydro-3,3-dimethyl-6-[[4-[5-(octyloxy)-2-pyrimidinyl]phenoxy]methyl]-
2H-pyran-2-one (9CI) (CA INDEX NAME)
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CRN 187875-81-6
CMF C26 H36 N2 O4

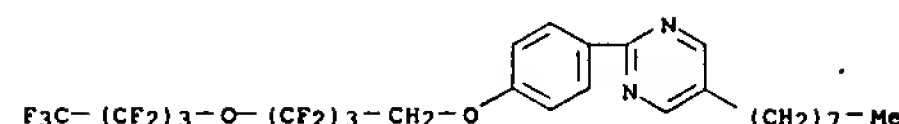


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CMF C31 H41 F3 O5



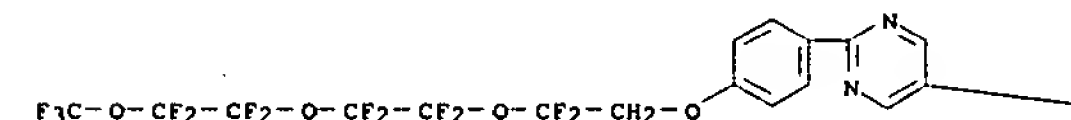
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CMF C26 H25 F15 N2 O2

L5 ANSWER 7 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 4
CRN 152915-20-3
CMF C25 H25 F13 N2 O4

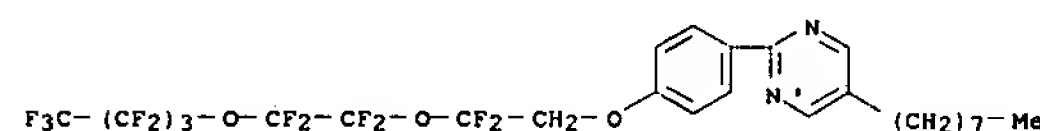
PAGE 1-A



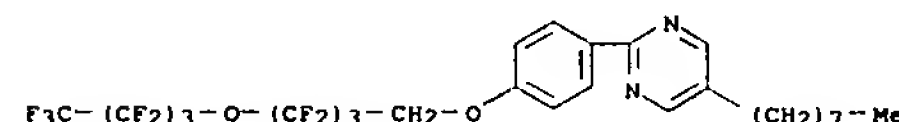
PAGE 1-B



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CRN 152914-98-2
CMF C26 H25 F15 N2 O3

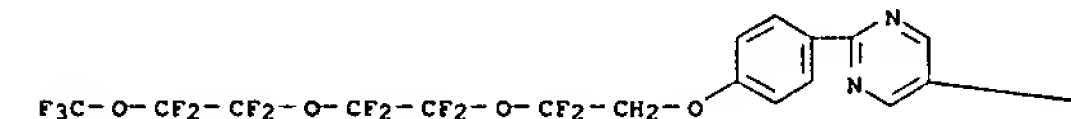


L5 ANSWER 8 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

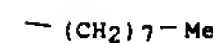


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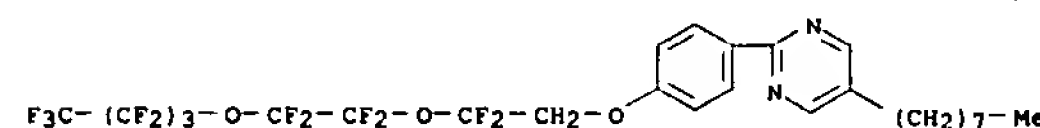
PAGE 1-A



PAGE 1-B



CM 5
CRN 152914-98-2
CMF C26 H25 F15 N2 O3

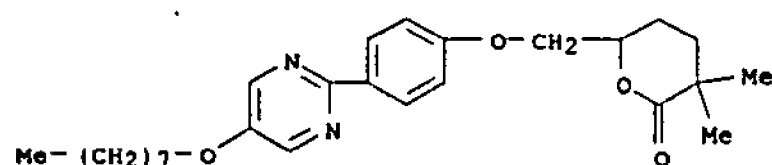


L5 ANSWER 9 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 187875-86-1
 RL: TEM (Technical or engineered material use); USES (Uses)
 (liquid crystalline; manufacture of liquid-crystal device having
 orientation-
 controlling film treated with neutral and/or ionic mols.)
 RN 187875-86-1 CAPLUS
 CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-(hexyloxy)-,
 5-(hexyloxy)tetrahydro-
 6-(trifluoromethyl)-2H-pyran-2-yl ester, mixt. with 2-[4-[2,2-difluoro-2-
 (1,1,2,2-tetrafluoro-2-(nonafluorobutoxy)ethoxy]ethoxy]phenyl]-5-
 octylpyrimidine, 2-[4-[2,2-difluoro-2-(1,1,2,2-tetrafluoro-2-[1,1,2,2-
 tetrafluoro-2-(trifluoromethoxy)ethoxy]ethoxy]ethoxy]phenyl]-5-
 octylpyrimidine, 2-[4-[2,2,3,3,4,4-hexafluoro-4-
 (nonafluorobutoxy)butoxy]phenyl]-5-octylpyrimidine and

tetrahydro-3,3-dimethyl-6-[[4-[5-(octyloxy)-2-pyrimidinyl]phenoxy]methyl]-
 2H-pyran-2-one (9CI) (CA INDEX NAME)

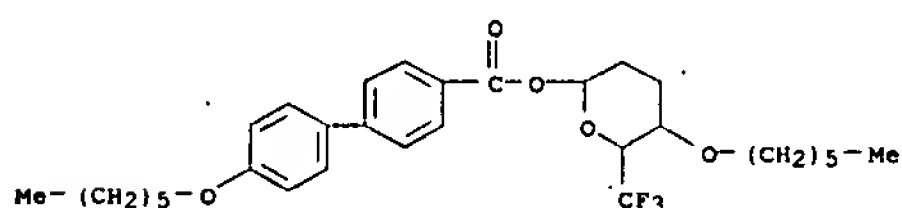
CM 1

CRN 187875-81-6
 CMF C26 H36 N2 O4



CM 2

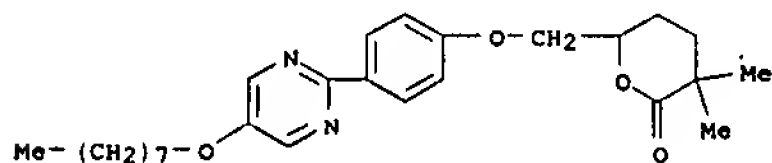
CRN 185307-45-3
 CMF C31 H41 F3 O5



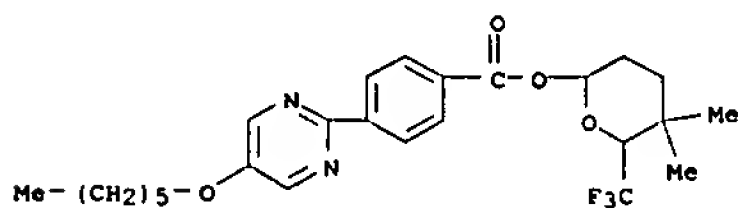
CM 3

CRN 152915-24-7
 CMF C26 H25 F15 N2 O2

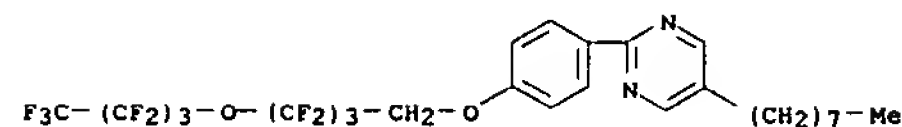
L5 ANSWER 10 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 187875-81-6 220830-80-8
 RL: DEV (Device component use); USES (Uses)
 (manufacture of liquid crystal element containing optically active
 compound of)
 RN 187875-81-6 CAPLUS
 CN 2H-Pyran-2-one, tetrahydro-3,3-dimethyl-6-[[4-[5-(octyloxy)-2-
 pyrimidinyl]phenoxy]methyl]- (9CI) (CA INDEX NAME)



RN 220830-80-8 CAPLUS
 CN Benzoic acid, 4-[5-(hexyloxy)-2-pyrimidinyl]-, tetrahydro-5,5-dimethyl-6-
 (trifluoromethyl)-2H-pyran-2-yl ester (9CI) (CA INDEX NAME)



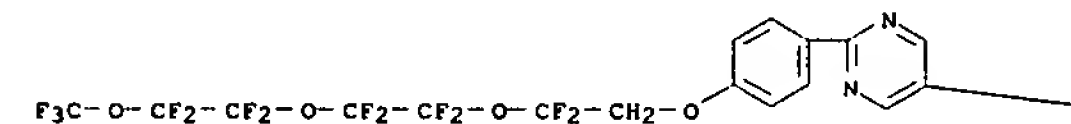
L5 ANSWER 9 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



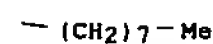
CM 4

CRN 152915-20-3
 CMF C25 H25 F13 N2 O4

PAGE 1-A

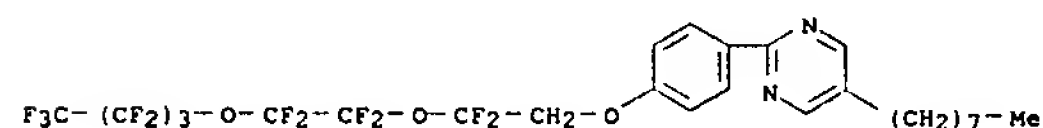


PAGE 1-B



CM 5

CRN 152914-98-2
 CMF C26 H25 F15 N2 O3



=> d 15 1 ibib abs

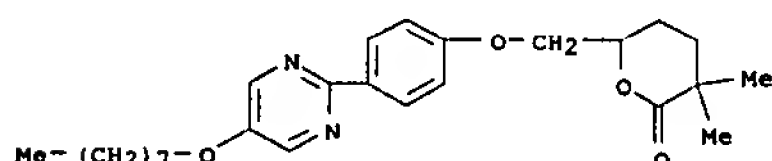
L5 ANSWER 1 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:479341 CAPLUS
DOCUMENT NUMBER: 133:150113
TITLE: Variation of dipole moment with softness parameter of
liquid crystalline materials
AUTHOR(S): Srivastava, Rajiv Ranjan; Singh, Kalyan
CORPORATE SOURCE: Department of Physics, M.L.K. (PG) College,
Balrampur, 271 201, India
SOURCE: Acta Ciencia Indica, Physics (1999), 25(4), 197-199
CODEN: ACIPD2; ISSN: 0253-732X
PUBLISHER: Pragati Prakashan
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The softness parameter of liquid crystalline materials were calculated
However, the dipole moment of liquid crystalline materials were taken. A comparative
study was made between the calculated softness values and dipole moments of
liquid crystalline materials and the variation between softness parameter and
dipole moment was given.
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

=> d 15 11-20 hitstr

L5 ANSWER 11 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 187875-86-1
 RL: DEV (Device component use); USES (Uses)
 (liquid crystal mixture; manufacture of liquid crystal display device
 containing
 hydrophilic layer)
 RN 187875-86-1 CAPLUS
 CN {1,1'-Biphenyl}-4-carboxylic acid, 4'-(hexyloxy)-,
 5-(hexyloxy)tetrahydro-
 6-(trifluoromethyl)-2H-pyran-2-yl ester, mixt. with 2-[4-(2,2-difluoro-2-
 (1,1,2,2-tetrafluoro-2-(nonafluorobutoxy)ethoxy)ethoxy]phenyl]-5-
 octylpyrimidine, 2-[4-(2,2-difluoro-2-[1,1,2,2-tetrafluoro-2-[1,1,2,2-
 tetrafluoro-2-(trifluoromethoxy)ethoxy]ethoxy]ethoxy]phenyl]-5-
 octylpyrimidine, 2-[4-[2,2,3,3,4,4-hexafluoro-4-
 (nonafluorobutoxy)butoxy]phenyl]-5-octylpyrimidine and
 tetrahydro-3,3-dimethyl-6-[[4-[5-(octyloxy)-2-pyrimidinyl]phenoxy]methyl]-
 2H-pyran-2-one (9CI) (CA INDEX NAME)

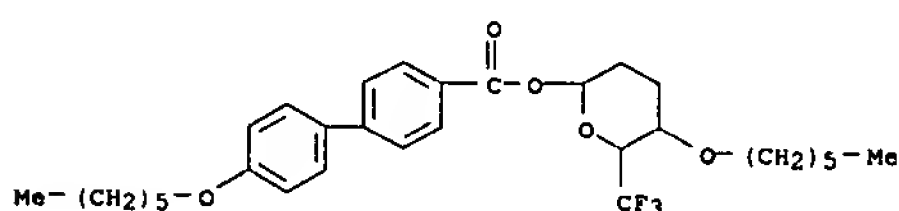
CM 1

CRN 187875-81-6
 CMF C26 H36 N2 O4



CM 2

CRN 185307-45-3
 CMF C31 H41 F3 O5



CM 3

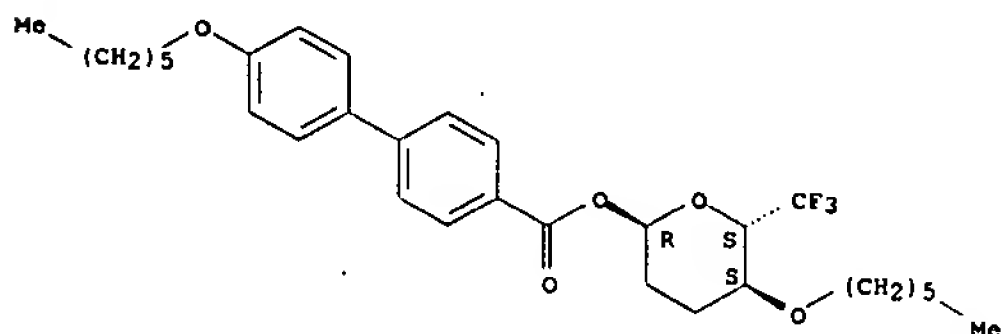
CRN 152915-24-7
 CMF C26 H25 F15 N2 O2

L5 ANSWER 12 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 210362-81-5
 RL: DEV (Device component use); USES (Uses)
 (fluoro-containing liquid crystal material for liquid crystal display)
 RN 210362-81-5 CAPLUS
 CN {1,1'-Biphenyl}-4-carboxylic acid, 4'-(hexyloxy)-, (2R,5S,6S)-5-
 (hexyloxy)tetrahydro-6-(trifluoromethyl)-2H-pyran-2-yl ester, mixt. with
 2-[4-(2,2-difluoro-2-[1,1,2,2-tetrafluoro-2-(nonafluorobutoxy)ethoxy]ethox
 y]phenyl]-5-octylpyrimidine, 2-[4-(2,2-difluoro-2-[1,1,2,2-tetrafluoro-2-
 (1,1,2,2-tetrafluoro-2-(trifluoromethoxy)ethoxy]ethoxy]ethoxy]phenyl]-5-
 octylpyrimidine, 2-[4-[2,2,3,3,4,4-hexafluoro-4-
 (nonafluorobutoxy)butoxy]phenyl]-5-octylpyrimidine and
 (2S)-tetrahydro-3,3-dimethyl-6-[[4-[5-(octyloxy)-2-
 pyrimidinyl]phenoxy]methyl]-2H-pyran-2-one (9CI) (CA INDEX NAME)

CM 1

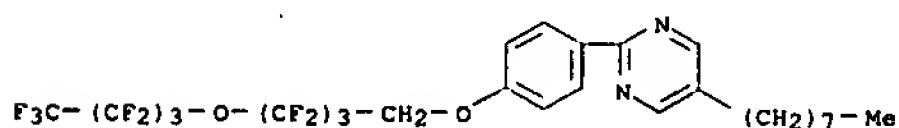
CRN 163484-32-0
 CMF C31 H41 F3 O5

Absolute stereochemistry.



CM 2

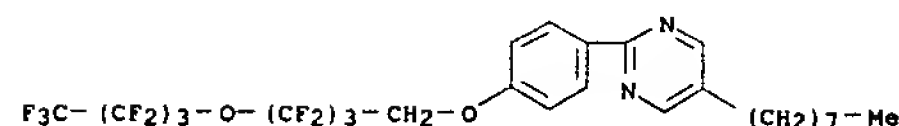
CRN 152915-24-7
 CMF C26 H25 F15 N2 O2



CM 3

CRN 152915-20-3
 CMF C25 H25 F13 N2 O4

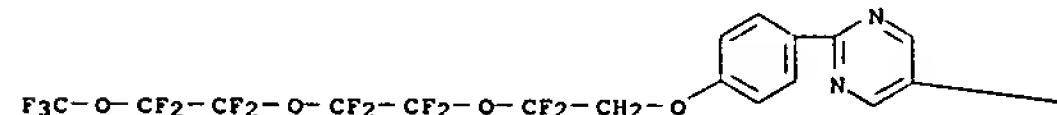
L5 ANSWER 11 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



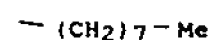
CM 4

CRN 152915-20-3
 CMF C25 H25 F13 N2 O4

PAGE 1-A

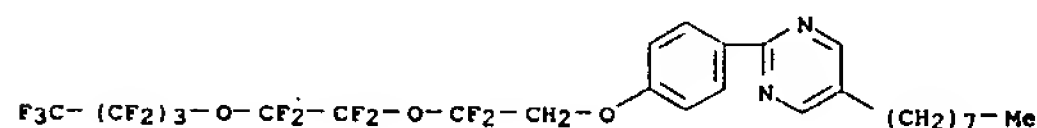


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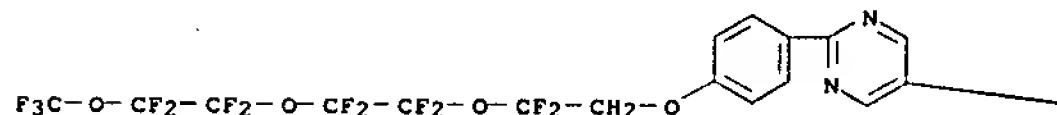
CM 5

CRN 152914-98-2
 CMF C26 H25 F15 N2 O3

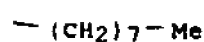


L5 ANSWER 12 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A

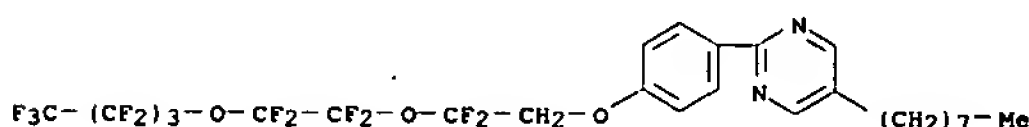


PAGE 1-B



CM 4

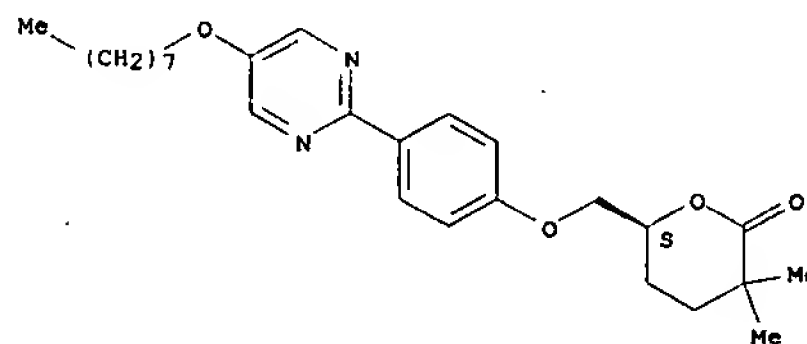
CRN 152914-98-2
 CMF C26 H25 F15 N2 O3



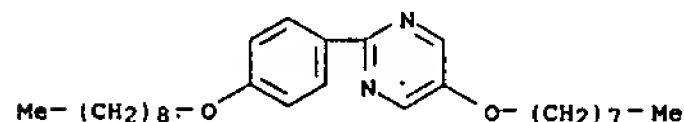
CM 5

CRN 140943-90-4
 CMF C26 H36 N2 O4

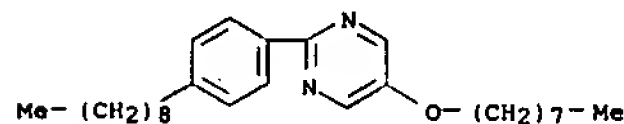
Absolute stereochemistry.



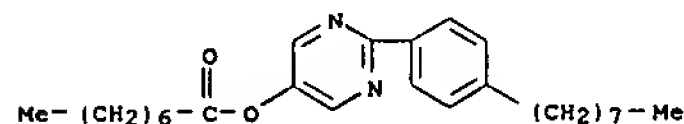
L5 ANSWER 13 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 120091-50-1 121640-69-5 124255-17-0
 137530-95-1 219622-69-2 219622-70-5
 RL: DEV (Device component use); USES (Uses)
 (ferroelec. liquid-crystal composition containing aromatic
 heterocyclic compds. for
 optical switching device)
 RN 120091-50-1 CAPLUS
 CN Pyrimidine, 2-[4-(nonyloxy)phenyl]-5-(octyloxy)- (9CI) (CA INDEX NAME)



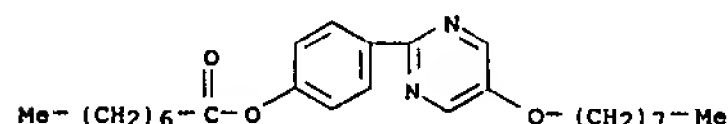
RN 121640-69-5 CAPLUS
 CN Pyrimidine, 2-(4-nonylphenyl)-5-(octyloxy)- (9CI) (CA INDEX NAME)



RN 124255-17-0 CAPLUS
 CN Octanoic acid, 2-(4-octylphenyl)-5-pyrimidinyl ester (9CI) (CA INDEX NAME)

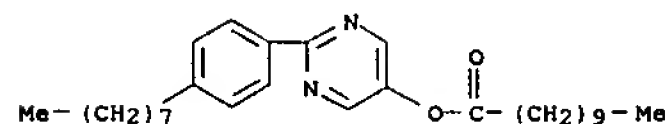


RN 137530-95-1 CAPLUS
 CN Octanoic acid, 4-[5-(octyloxy)-2-pyrimidinyl]phenyl ester (9CI) (CA INDEX NAME)

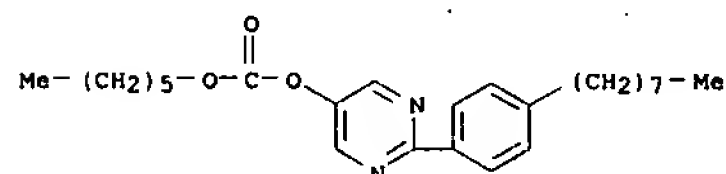


RN 219622-69-2 CAPLUS
 CN Undecanoic acid, 2-(4-octylphenyl)-5-pyrimidinyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 13 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



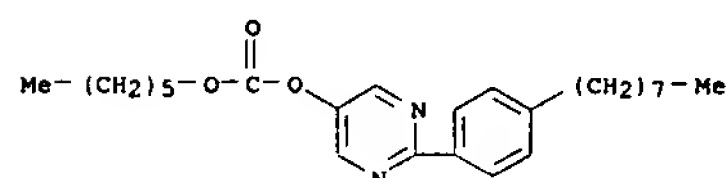
RN 219622-70-5 CAPLUS
 CN Carbonic acid, hexyl 2-(4-octylphenyl)-5-pyrimidinyl ester (9CI) (CA INDEX NAME)



IT 219622-71-6 219622-72-7 219622-74-9
 219622-75-0
 RL: DEV (Device component use); USES (Uses)
 (liquid-crystal mixture; ferroelec. liquid-crystal composition
 containing aromatic
 heterocyclic compds. for optical switching device)
 RN 219622-71-6 CAPLUS
 CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-(hexyloxy)-, (2R,3R,6S)-6-(hexyloxy)tetrahydro-2-(trifluoromethyl)-2H-pyran-3-yl ester, mixt. with 4-butoxyphenyl 4-(octyloxy)benzoate, 5-heptyl-2-[4-(heptyloxy)phenyl]pyrimidine, 5-heptyl-2-[4-(nonyloxy)phenyl]pyrimidine, hexyl 2-(4-octylphenyl)-5-pyrimidinyl carbonate, 2-(4-nonylphenyl)-5-(octyloxy)pyrimidine, 4-[5-(octyloxy)-2-pyridinyl]phenyl octanoate, 2-(4-octylphenyl)-5-pyrimidinyl undecanoate and 4-(5-octyl-2-pyrimidinyl)phenyl octanoate (9CI) (CA INDEX NAME)

CM 1

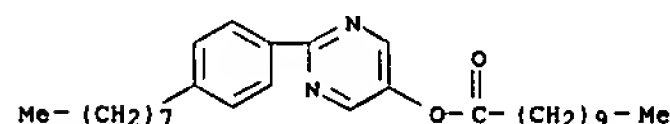
CRN 219622-70-5
 CMF C25 H36 N2 O3



CM 2

CRN 219622-69-2
 CMF C29 H44 N2 O2

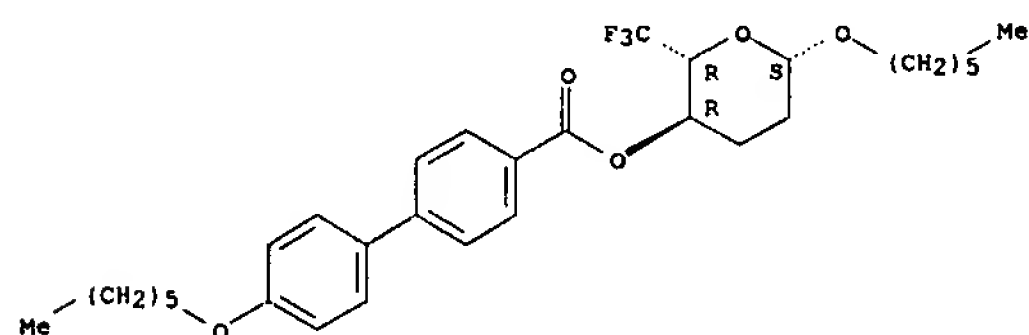
L5 ANSWER 13 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 3

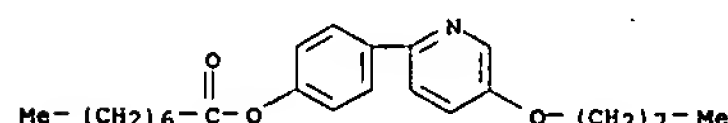
CRN 150458-45-0
 CMF C31 H41 F3 O5

Absolute stereochemistry.



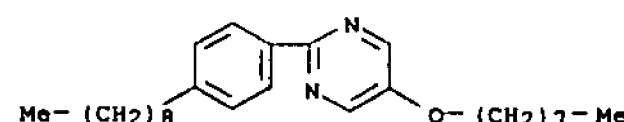
CM 4

CRN 146886-88-6
 CMF C27 H39 N O3



CM 5

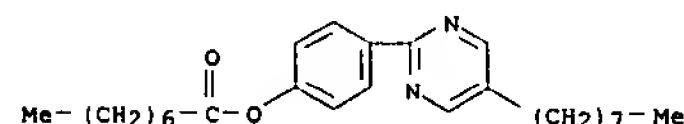
CRN 121640-69-5
 CMF C27 H42 N2 O



CM 6

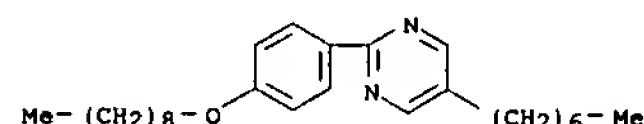
L5 ANSWER 13 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 58415-92-2
 CMF C26 H38 N2 O2



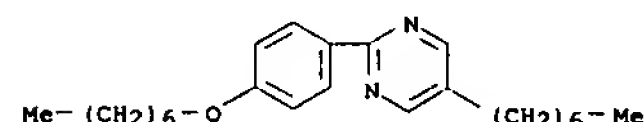
CM 7

CRN 57202-40-1
 CMF C26 H40 N2 O



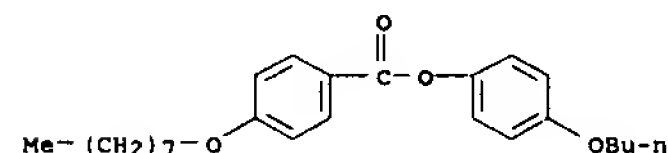
CM 8

CRN 57202-38-7
 CMF C24 H36 N2 O



CM 9

CRN 52267-53-5
 CMF C25 H34 O4

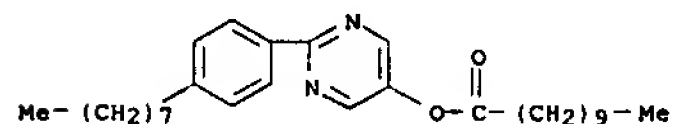


RN 219622-72-7 CAPLUS
 CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-(hexyloxy)-, (2R,3R,6S)-6-(hexyloxy)tetrahydro-2-(trifluoromethyl)-2H-pyran-3-yl ester, mixt. with 4-butoxyphenyl 4-(octyloxy)benzoate, 5-heptyl-2-[4-(heptyloxy)phenyl]pyrimidine, 5-heptyl-2-[4-(nonyloxy)phenyl]pyrimidine, 2-[4-(nonyloxy)phenyl]-5-(octyloxy)pyrimidine, 4-[5-(octyloxy)-2-

L5 ANSWER 13 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
pyridinyl)phenyl octanoate, 2-(4-octylphenyl)-5-pyrimidinyl octanoate,
2-(4-octylphenyl)-5-pyrimidinyl undecanoate and 4-(5-octyl-2-
pyrimidinyl)phenyl octanoate (9CI) (CA INDEX NAME)

CM 1

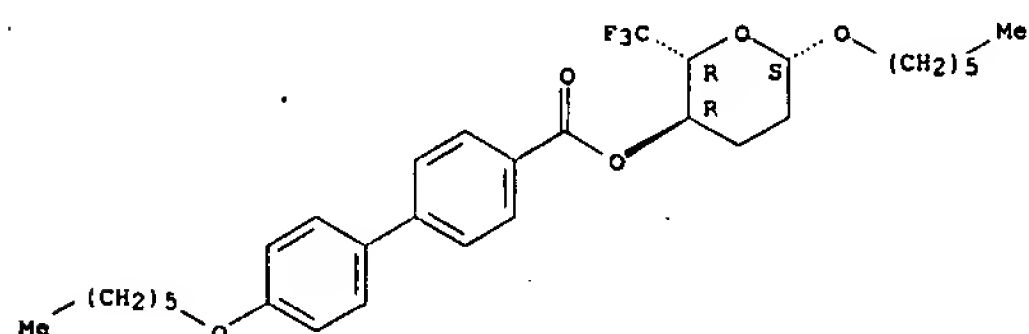
CRN 219622-69-2
CMF C29 H44 N2 O2



CM 2

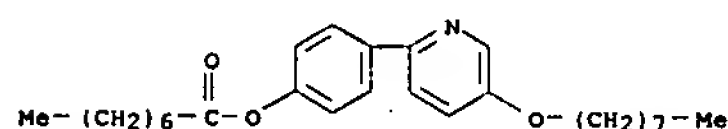
CRN 150458-45-0
CMF C31 H41 F3 O5

Absolute stereochemistry.



CM 3

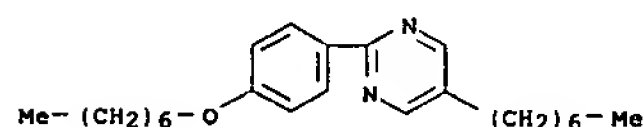
CRN 146886-88-6
CMF C27 H39 N O3



CM 4

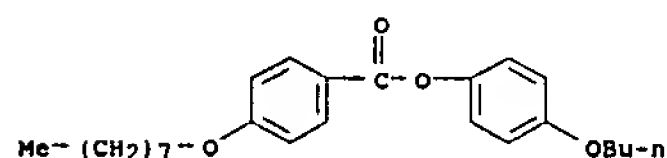
CRN 124255-17-0
CMF C26 H38 N2 O2

L5 ANSWER 13 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 9

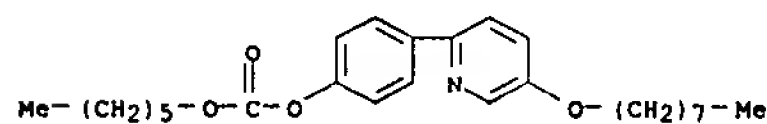
CRN 52267-53-5
CMF C25 H34 O4



RN 219622-74-9 CAPLUS
CN {1,1'-Biphenyl}-4-carboxylic acid, 4'-(hexyloxy)-, (2R,3R,6S)-6-(
(hexyloxy)tetrahydro-2-(trifluoromethyl)-2H-pyran-3-yl ester, mixt. with
4-butoxyphenyl 4-(octyloxy)benzoate, 5-heptyl-2-[4-(
(heptyloxy)phenyl)pyrimidine, 5-heptyl-2-[4-(nonyloxy)phenyl]pyrimidine,
hexyl 4-[5-(octyloxy)-2-pyridinyl]phenyl carbonate,
2-[4-(nonyloxy)phenyl]-
5-(octyloxy)pyrimidine, 2-(4-octylphenyl)-5-pyrimidinyl octanoate,
2-(4-octylphenyl)-5-pyrimidinyl undecanoate and 4-(5-octyl-2-
pyrimidinyl)phenyl octanoate (9CI) (CA INDEX NAME)

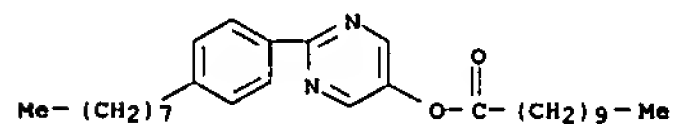
CM 1

CRN 219622-73-8
CMF C26 H37 N O4

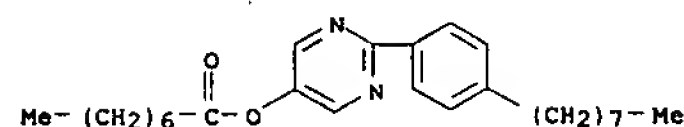


CM 2

CRN 219622-69-2
CMF C29 H44 N2 O2

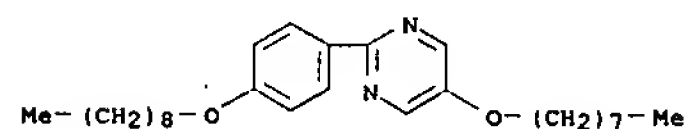


L5 ANSWER 13 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



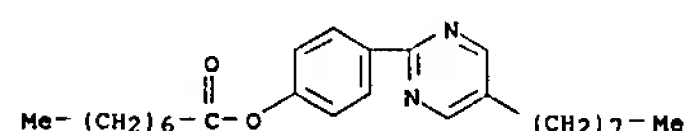
CM 5

CRN 120091-50-1
CMF C27 H42 N2 O2



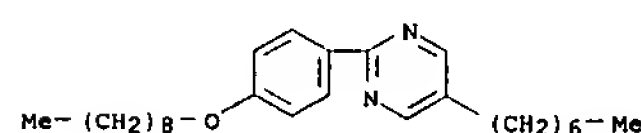
CM 6

CRN 58415-92-2
CMF C26 H38 N2 O2



CM 7

CRN 57202-40-1
CMF C26 H40 N2 O



CM 8

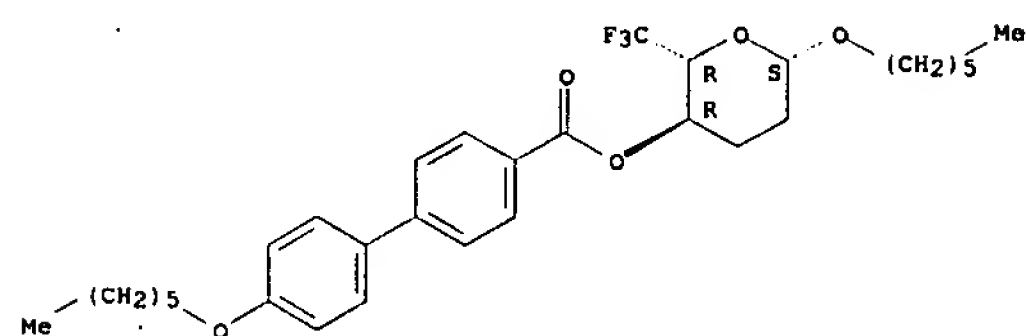
CRN 57202-38-7
CMF C24 H36 N2 O

L5 ANSWER 13 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 3

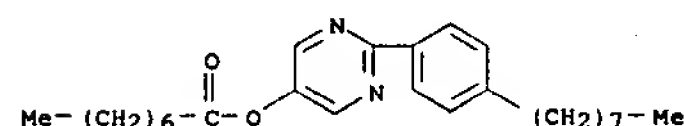
CRN 150458-45-0
CMF C31 H41 F3 O5

Absolute stereochemistry.



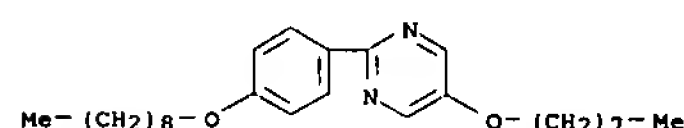
CM 4

CRN 124255-17-0
CMF C26 H38 N2 O2



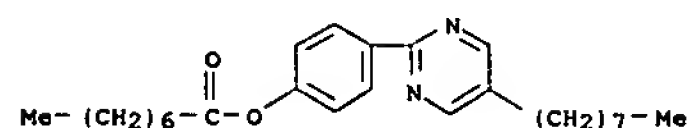
CM 5

CRN 120091-50-1
CMF C27 H42 N2 O2

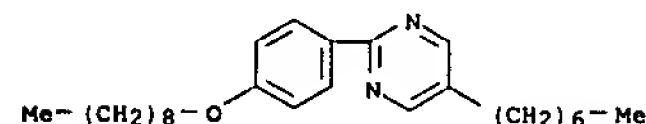


CM 6

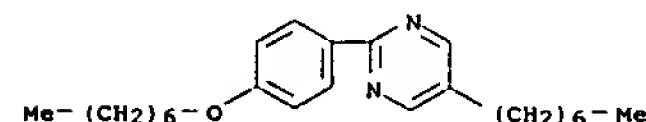
CRN 58415-92-2
CMF C26 H38 N2 O2



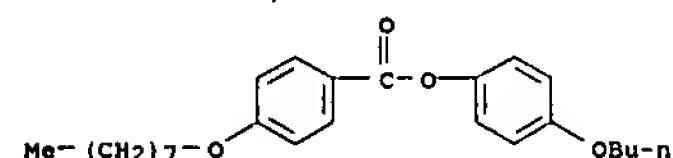
CM 7
CRN 57202-40-1
CMF C26 H40 N2 O



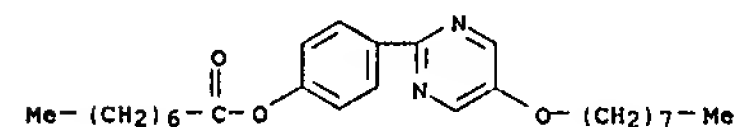
CM 8
CRN 57202-38-7
CMF C24 H36 N2 O



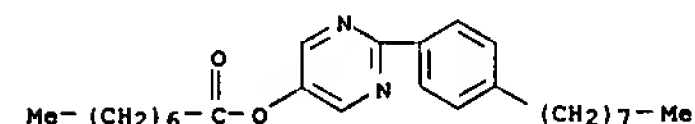
CM 9
CRN 52267-53-5
CMF C25 H34 O4



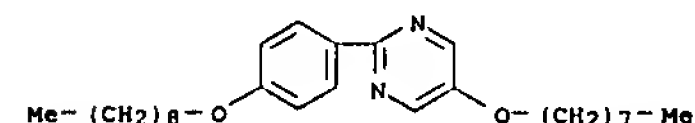
RN 219622-75-0 CAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-(hexyloxy)-, (2R,3R,6S)-6-(hexyloxy)tetrahydro-2-(trifluoromethyl)-2H-pyran-3-yl ester, mixt. with 4-butoxyphenyl 4-(octyloxy)benzoate, 5-heptyl-2-[4-(heptyloxy)phenyl]pyrimidine, 5-heptyl-2-[4-(nonyloxy)phenyl]pyrimidine, 2-[4-(nonyloxy)phenyl]-5-(octyloxy)pyrimidine, 4-[5-(octyloxy)-2-pyridinyl]phenyl octanoate, 4-[5-(octyloxy)-2-pyrimidinyl]phenyl octanoate, 2-(4-octylphenyl)-5-pyrimidinyl octanoate and 2-(4-octylphenyl)-5-pyrimidinyl undecanoate (9CI) (CA INDEX NAME)



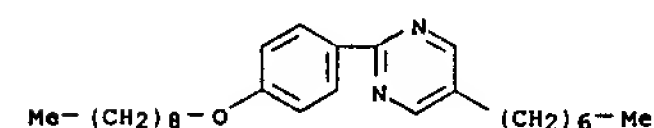
CM 5
CRN 124255-17-0
CMF C26 H38 N2 O2



CM 6
CRN 120091-50-1
CMF C27 H42 N2 O2

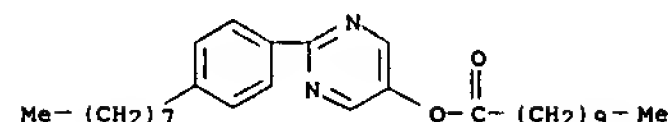


CM 7
CRN 57202-40-1
CMF C26 H40 N2 O



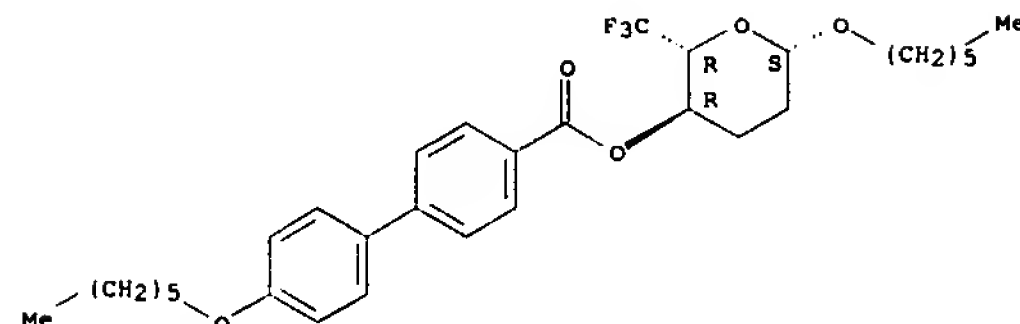
CM 8
CRN 57202-38-7
CMF C24 H36 N2 O

CM 1
CRN 219622-69-2
CMF C29 H44 N2 O2

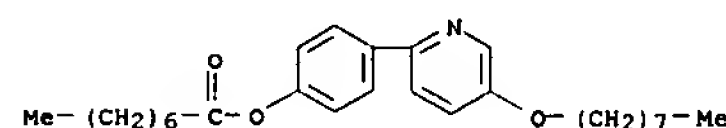


CM 2
CRN 150458-45-0
CMF C31 H41 F3 O5

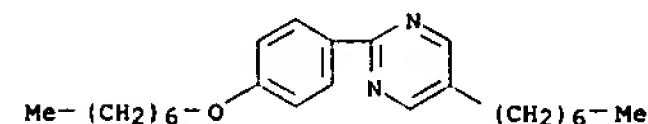
Absolute stereochemistry.



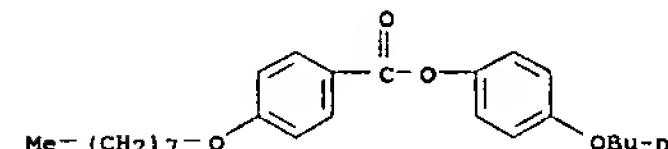
CM 3
CRN 146886-88-6
CMF C27 H39 N O3



CM 4
CRN 137530-95-1
CMF C26 H38 N2 O3



CM 9
CRN 52267-53-5
CMF C25 H34 O4



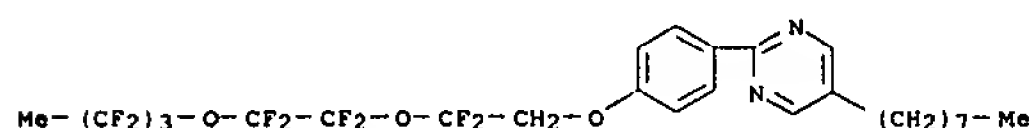
L5 ANSWER 14 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 218446-77-6
 RL: DEV (Device component use); USES (Uses)
 (liquid crystal; chiral smectic liquid crystal device and display with
 conducting polymer layer)
 RN 218446-77-6 CAPLUS
 CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-(hexyloxy)-,
 5-(hexyloxy)tetrahydro-
 6-(trifluoromethyl)-2H-pyran-2-yl ester, mixt. with 2-[4-[2,2-difluoro-2-

[1,1,2,2-tetrafluoro-2-(1,1,2,2,3,3-hexafluorobutoxy)ethoxy]ethoxy]phenyl]-
 5-octylpyrimidine, 2-[4-[2,2-difluoro-2-(1,1,2,2-tetrafluoro-2-(1,1,2,2-
 tetrafluoro-2-(trifluoromethoxy)ethoxy]ethoxy]ethoxy]phenyl]-5-
 octylpyrimidine, 2-[4-(2,2,3,3,4,4-hexafluoro-4-
 (nonafluorobutoxy)butoxy]phenyl]-5-octylpyrimidine and

tetrahydro-3,3-dimethyl-6-[(4-[5-(octyloxy)-2-pyrimidinyl]phenoxy)methyl]-
 2H-pyran-2-one (9CI) (CA INDEX NAME)

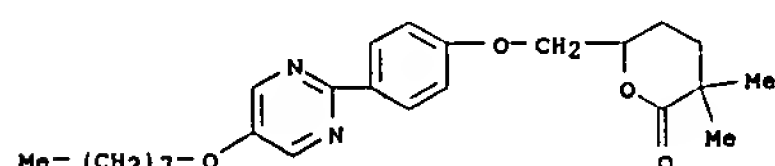
CM 1

CRN 218446-76-5
 CMF C26 H28 F12 N2 O3



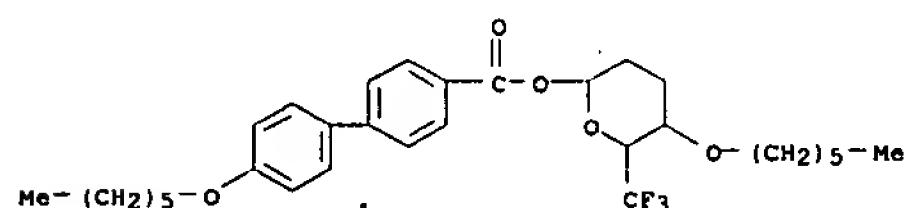
CM 2

CRN 187875-81-6
 CMF C26 H36 N2 O4



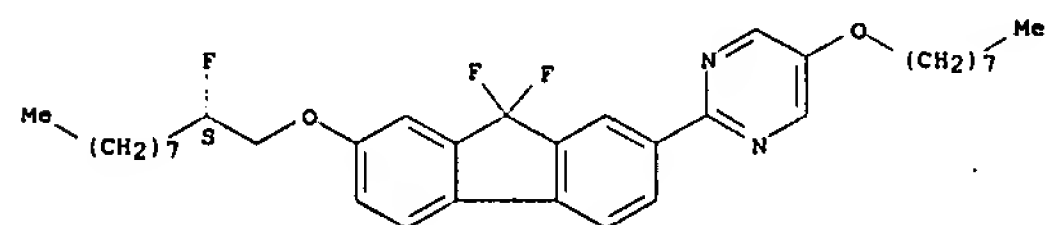
CM 3

CRN 185307-45-3
 CMF C31 H41 F3 O5

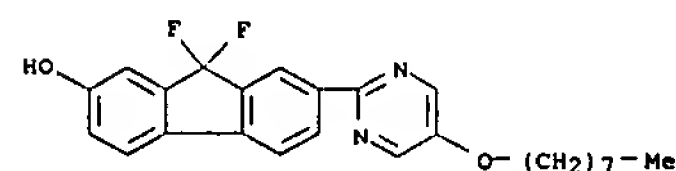


L5 ANSWER 15 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 215866-90-3, 2-[9,9-Difluoro-7-(2-(S)-fluorodecyloxy)-9H-fluoren-2-
 yl]-5-octyloxy-pyrimidine
 RL: DEV (Device component use); TEM (Technical or engineered material
 use); USES (Uses)
 (for liquid-crystal mixts. and ferroelec. switching and/or display
 devices)
 RN 215866-90-3 CAPLUS
 CN Pyrimidine,
 2-[9,9-difluoro-7-[(2S)-2-fluorodecyl]oxy]-9H-fluoren-2-yl]-5-
 (octyloxy)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



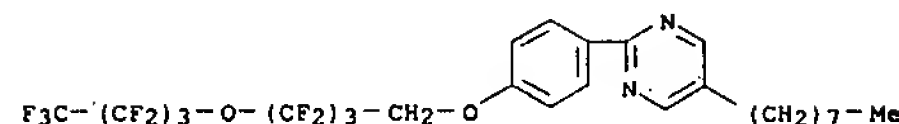
IT 215866-94-7
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of; in preparation of fluorinated 9H-fluorene derivs. for
 liquid-crystal mixts.)
 RN 215866-94-7 CAPLUS
 CN 9H-Fluoren-2-ol, 9,9-difluoro-7-[5-(octyloxy)-2-pyrimidinyl]- (9CI) (CA
 INDEX NAME)



L5 ANSWER 14 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

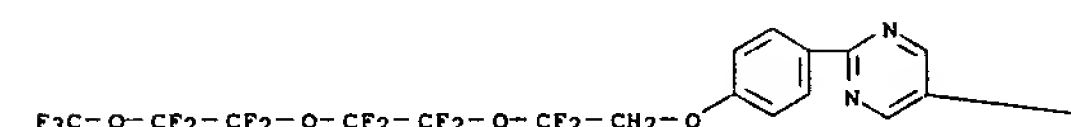
CM 4

CRN 152915-24-7
 CMF C26 H25 F15 N2 O2



CM 5

CRN 152915-20-3
 CMF C25 H25 F13 N2 O4

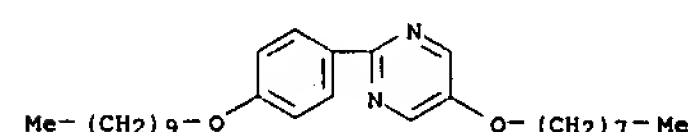


PAGE 1-A

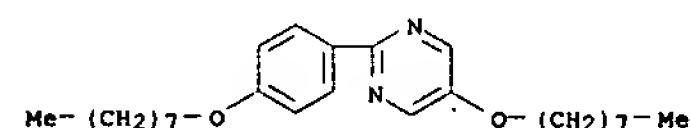
PAGE 1-B

(CH2)7Me

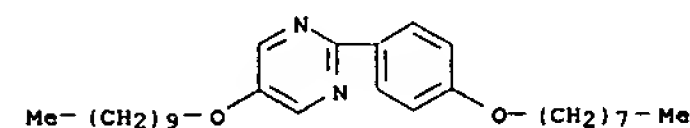
L5 ANSWER 16 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 114415-28-0 114767-84-9 114767-86-1
 114767-93-0 118253-20-6 118253-22-8
 RL: DEV (Device component use); PRP (Properties); TEM (Technical or
 engineered material use); USES (Uses)
 (ferroelec. liquid crystal; preparation, solubility, and morphol. of
 block copolymer thin films of DL-amino acids with alkylene oxide as
 alignment films for ferroelec. liquid crystals)
 RN 114415-28-0 CAPLUS
 CN Pyrimidine, 2-[4-(decyloxy)phenyl]-5-(octyloxy)- (9CI) (CA INDEX NAME)



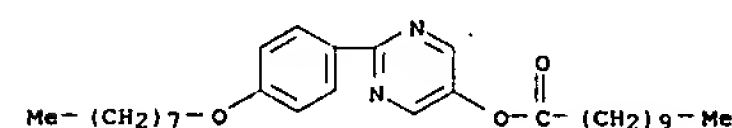
RN 114767-84-9 CAPLUS
 CN Pyrimidine, 5-(octyloxy)-2-[4-(octyloxy)phenyl]- (9CI) (CA INDEX NAME)



RN 114767-86-1 CAPLUS
 CN Pyrimidine, 5-(decyloxy)-2-[4-(octyloxy)phenyl]- (9CI) (CA INDEX NAME)

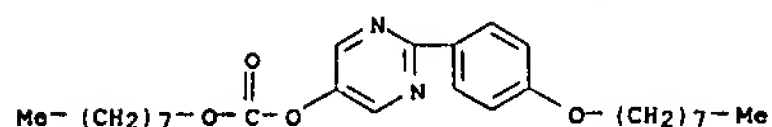


RN 114767-93-0 CAPLUS
 CN Undecanoic acid, 2-[4-(octyloxy)phenyl]-5-pyrimidinyl ester (9CI) (CA
 INDEX NAME)

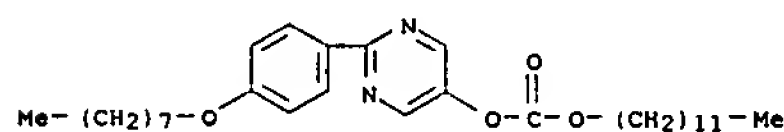


RN 118253-20-6 CAPLUS
 CN Carbonic acid, octyl 2-[4-(octyloxy)phenyl]-5-pyrimidinyl ester (9CI)
 (CA INDEX NAME)

L5 ANSWER 16 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 118253-22-8 CAPLUS
CN Carbonic acid, dodecyl 2-[4-(octyloxy)phenyl]-5-pyrimidinyl ester (9CI)
(CA INDEX NAME)



L5 ANSWER 17 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
IT 216980-58-4

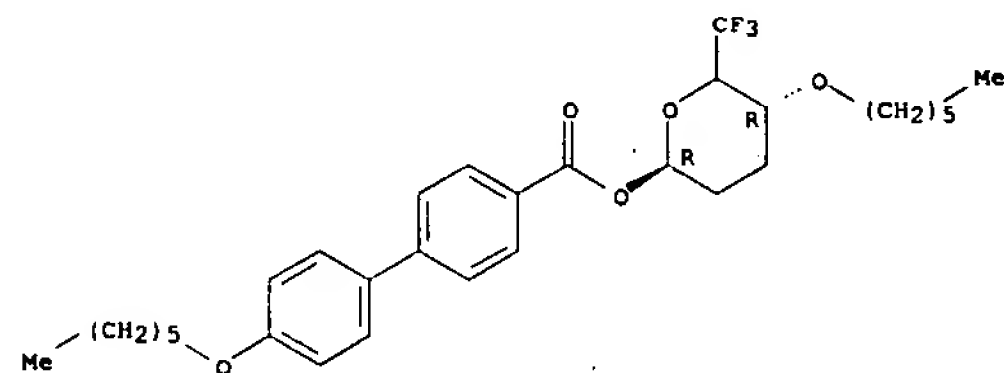
RL: DEV (Device component use); USES (Uses)
(manufacture of liquid-crystal display device containing cholesteric phase-free component or chiral smectic mixture)

RN 216980-58-4 CAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-(hexyloxy)-, (2R,5R)-5-(hexyloxy)tetrahydro-6-(trifluoromethyl)-2H-pyran-2-yl ester, rel-, mixt. with 2-[4-[2,2-difluoro-2-(1,1,2,2-tetrafluoro-2-(nonafluorobutoxy)ethoxy)ethoxy]phenyl]-5-octylpyrimidine, 2-[4-[2,2-difluoro-2-(1,1,2,2-tetrafluoro-2-(1,1,2,2-tetrafluoro-2-(trifluoromethoxy)ethoxy)ethoxy]phenyl]-5-octylpyrimidine, 2-[4-[2,2,3,3,4,4-hexafluoro-4-(nonafluorobutoxy)butoxy]phenyl]-5-octylpyrimidine and tetrahydro-3,3-dimethyl-6-[[4-[5-(octyloxy)-2-pyrimidinyl]phenoxy]methyl]-2H-pyran-2-one (9CI) (CA INDEX NAME)

CM 1

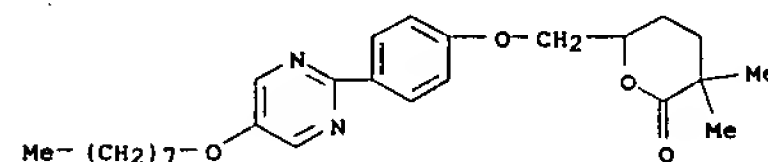
CRN 216980-57-3
CMF C31 H41 F3 O5

Relative stereochemistry.



CM 2

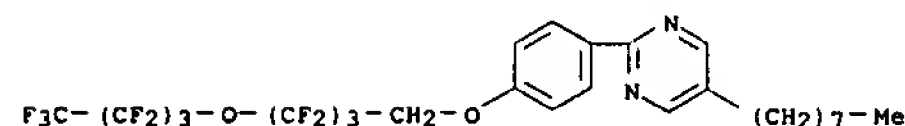
CRN 187875-81-6
CMF C26 H36 N2 O4



CM 3

CRN 152915-24-7
CMF C26 H25 F15 N2 O2

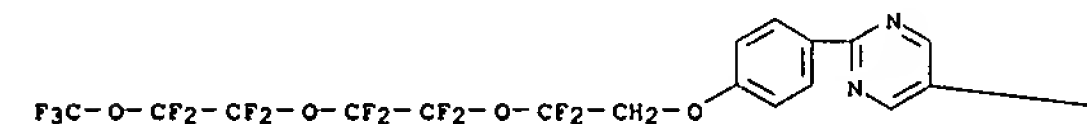
L5 ANSWER 17 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



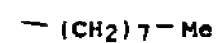
CM 4

CRN 152915-20-3
CMF C25 H25 F13 N2 O4

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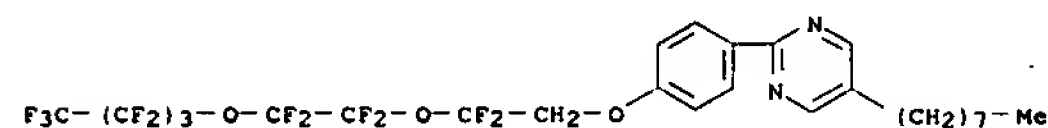


PAGE 1-B



CM 5

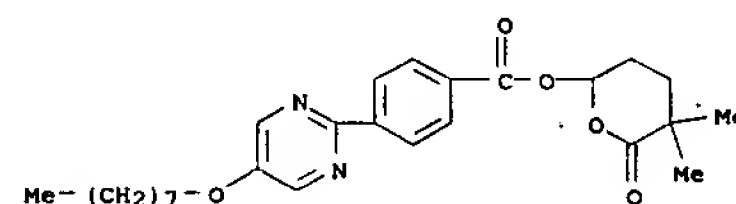
CRN 152914-98-2
CMF C26 H25 F15 N2 O3



L5 ANSWER 18 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
IT 216500-43-5

RL: DEV (Device component use); USES (Uses)
(chiral smectic liquid crystal for liquid crystal display)

RN 216500-43-5 CAPLUS
CN Benzoic acid, 4-[5-(octyloxy)-2-pyrimidinyl]-, tetrahydro-5,5-dimethyl-6-oxo-2H-pyran-2-yl ester (9CI) (CA INDEX NAME)



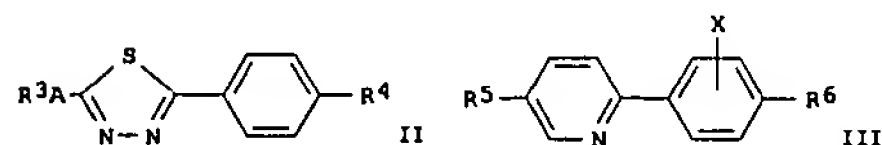
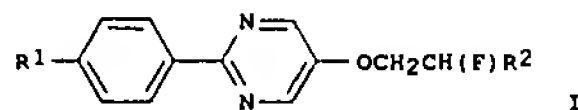
LS ANSWER 19 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:688768 CAPLUS
DOCUMENT NUMBER: 130:88498
TITLE: Synthesis and properties of chiral 2-phenylpyrimidine
liquid crystalline compounds
AUTHOR(S): Shang, Yongjia; Lu, Wanfang; Lu, Youmei; Ding, Hui
CORPORATE SOURCE: Department of Chemistry, Nanjing University, Nanjing,
210093, Peop. Rep. China
SOURCE: Gongneng Cailiao (1998), 29(4), 415-419
CODEN: GOCAEA; ISSN: 1001-9731
PUBLISHER: Gongneng Cailiao Bianjibu
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
AB Three series, II-IV, of chiral 2-phenylpyrimidine with 2 alkyloxy
terminal
groups were synthesized. The chemical structures of all compds. were
determined
by IR, 1H-NMR, MS, and elemental anal., and their liquid crystal
properties
were tested by POM and DSC. They all had a smectic phase, some of them
had a chiral smectic C phase (Sc) near room temperature The effect of
different
terminal groups on the mesomorphic properties is discussed.

=> d 15 20 ibib abs

L5 ANSWER 20 OF 565 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1998:586487 CAPLUS
 DOCUMENT NUMBER: 129:268250
 TITLE: Ferroelectric liquid-crystal composition,
 ferroelectric liquid-crystal device, and its driving
 method
 INVENTOR(S): Kaneko, Takeshi; Koden, Mitsuhiro; Okabe, Eiichi;
 Shunto, Tatsuji; Saito, Shinichi; Saito, Hideo
 PATENT ASSIGNEE(S): Sharp Corp., Japan; Chisso Corp.
 SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| JP 10237447 | A | 19980908 | JP 1997-46528 | 19970228 |
| PRIORITY APPLN. INFO.: | | | JP 1997-46528 | 19970228 |

OTHER SOURCE(S): MARPAT 129:268250
 GI



AB The composition contains an aromatic compound I (R1 = C4-16 alkyl; R2 = C2-12 alkyl), II (R3, 4 = C1-15 alkyl, alkoxy; A = Ph, C6H8, direct bond), and III (R5, 6 = C1-18 alkyl, alkoxy; X = H, F). The device contains the composition. Driving method of the device is also claimed. The composition shows large temperature-dependency of self-polarization, so that the device shows small temperature-dependency of response speed and wide temperature margin.

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE

ENTRY

67.76

SINCE FILE

ENTRY

-2.34

TOTAL

SESSION

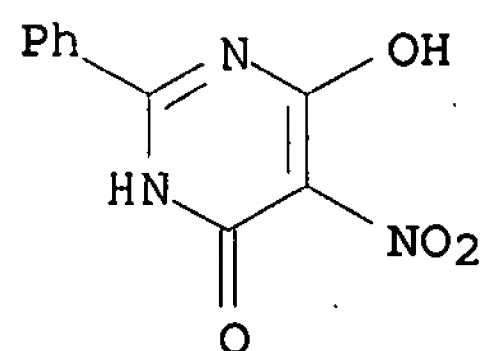
240.52

TOTAL

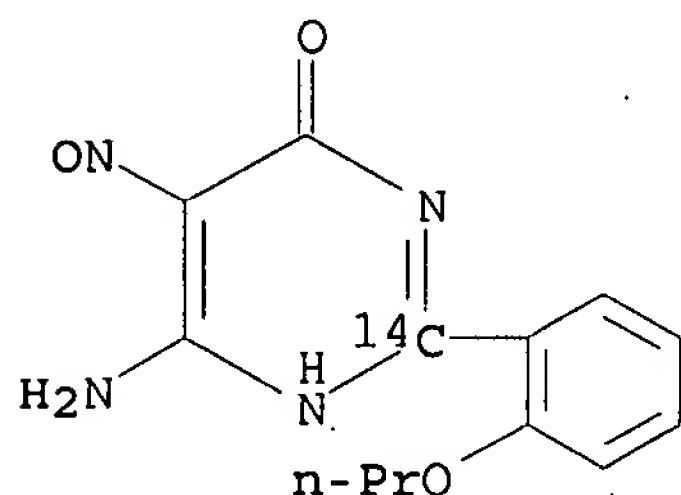
SESSION

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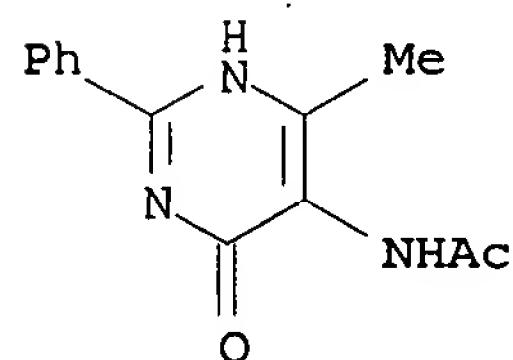
L24 ANSWER 1 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 68905-99-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of 4,6-disubstituted and 4,5,6-trisubstituted
 2-phenylpyrimidines and their A1 adenosine receptor affinity)
 RN 68905-99-7 CAPLUS
 CN 4(3H)-Pyrimidinone, 6-hydroxy-5-nitro-2-phenyl- (CA INDEX NAME)



L24 ANSWER 2 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 170703-44-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of [¹⁴C]-labeled purinone and pyrimido[4,5-d]pyrimidinone)
 RN 170703-44-3 CAPLUS
 CN 4(1H)-Pyrimidinone-2-¹⁴C, 6-amino-5-nitroso-2-(2-propoxyphenyl)- (9CI)
 (CA INDEX NAME)

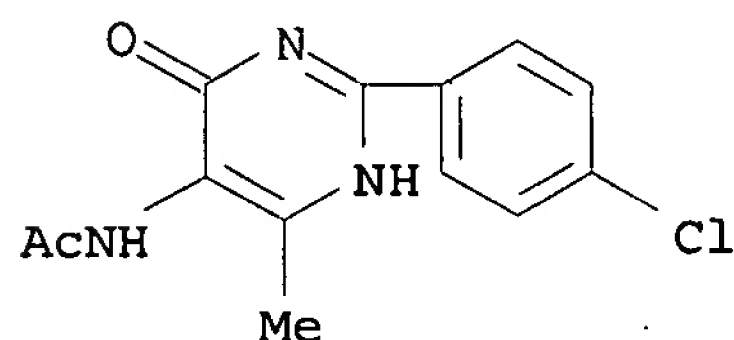


L24 ANSWER 3 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 72168-63-9P 166104-47-8P 166104-48-9P
 166104-49-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (synthesis of disubstituted 5-aminopyrimidineones from disubstituted
 5-acetylpyrimidinone oximes through Beckmann rearrangement)
 RN 72168-63-9 CAPLUS
 CN Acetamide, N-(1,4-dihydro-6-methyl-4-oxo-2-phenyl-5-pyrimidinyl)- (9CI)
 (CA INDEX NAME)



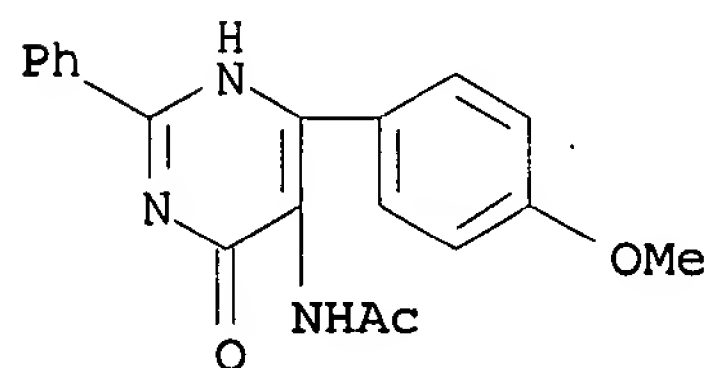
RN 166104-47-8 CAPLUS

CN Acetamide, N-[2-(4-chlorophenyl)-1,4-dihydro-6-methyl-4-oxo-5-pyrimidinyl]-
(9CI) (CA INDEX NAME)



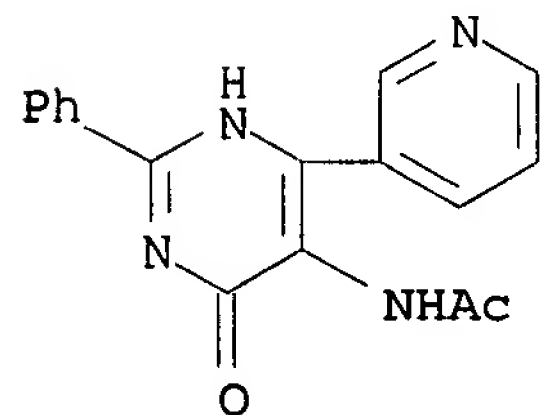
RN 166104-48-9 CAPLUS

CN Acetamide, N-[1,4-dihydro-6-(4-methoxyphenyl)-4-oxo-2-phenyl-5-pyrimidinyl]- (9CI) (CA INDEX NAME)



RN 166104-49-0 CAPLUS

CN Acetamide, N-[1,4-dihydro-4-oxo-2-phenyl-6-(3-pyridinyl)-5-pyrimidinyl]-
(9CI) (CA INDEX NAME)



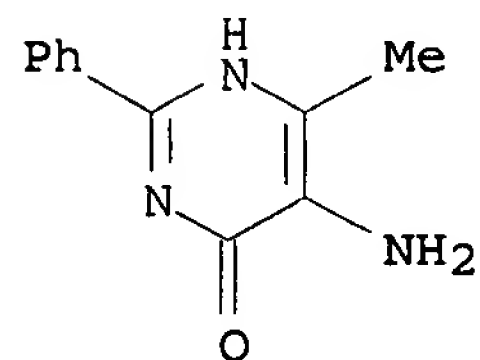
IT 72168-62-8P 166104-50-3P

RL: SPN (Synthetic preparation); PREP (Preparation)

(synthesis of disubstituted 5-aminopyrimidineones from disubstituted
5-acetylpyrimidinone oximes through Beckmann rearrangement)

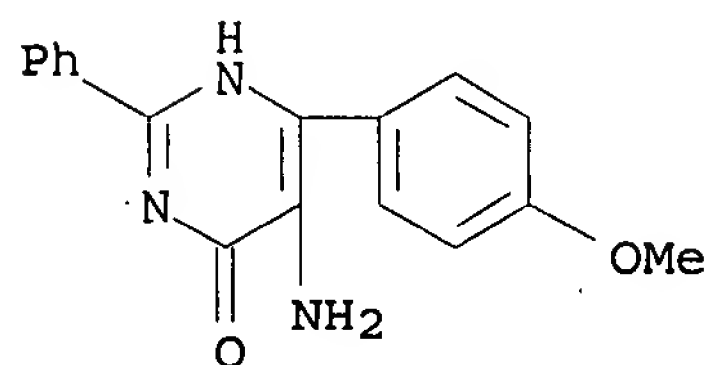
RN 72168-62-8 CAPLUS

CN 4(1H)-Pyrimidinone, 5-amino-6-methyl-2-phenyl- (9CI) (CA INDEX NAME)



RN 166104-50-3 CAPLUS

CN 4(1H)-Pyrimidinone, 5-amino-6-(4-methoxyphenyl)-2-phenyl- (9CI) (CA INDEX NAME)



L24 ANSWER 4 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

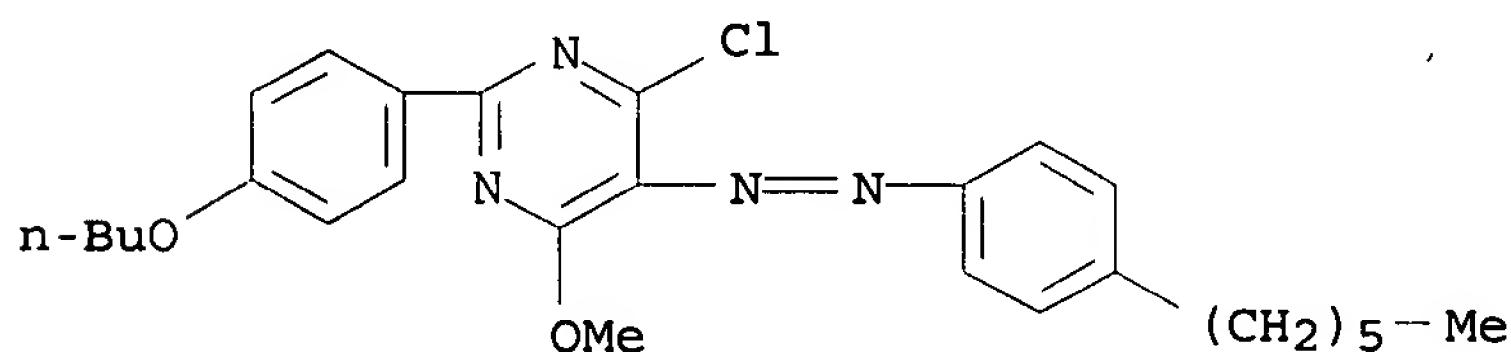
IT 150563-33-0P 150563-34-1P 150563-35-2P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation and characterization of, as potential dichroic dye for color liquid-crystal. optical imaging devices)

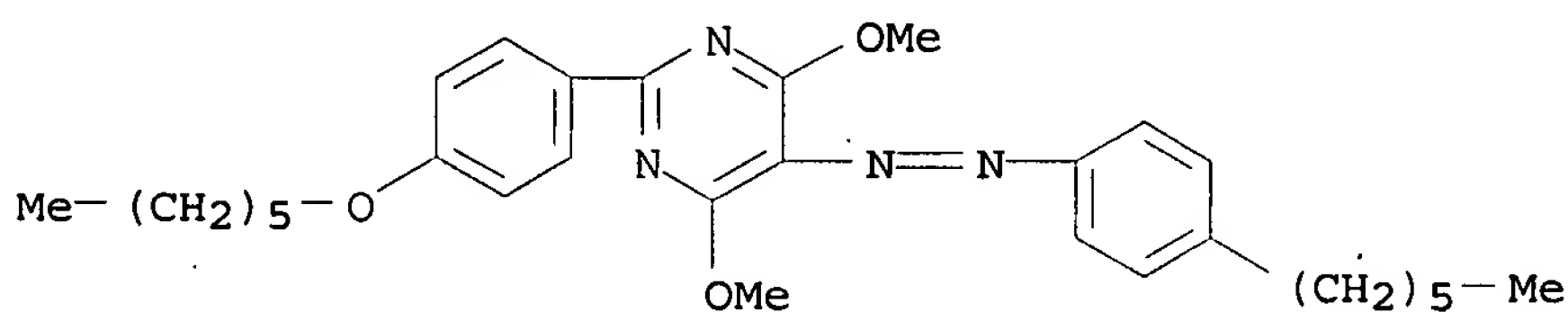
RN 150563-33-0 CAPLUS

CN Pyrimidine, 2-(4-butoxyphenyl)-4-chloro-5-[(4-hexylphenyl)azo]-6-methoxy- (9CI) (CA INDEX NAME)



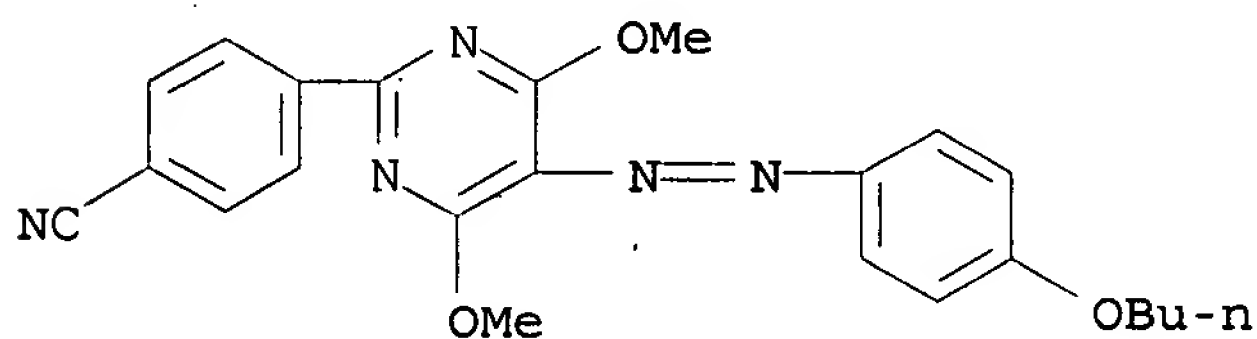
RN 150563-34-1 CAPLUS

CN Pyrimidine, 2-[4-(hexyloxy)phenyl]-5-[(4-hexylphenyl)azo]-4,6-dimethoxy- (9CI) (CA INDEX NAME)



RN 150563-35-2 CAPLUS

CN Benzonitrile, 4-[5-[(4-butoxyphenyl)azo]-4,6-dimethoxy-2-pyrimidinyl]- (9CI) (CA INDEX NAME)



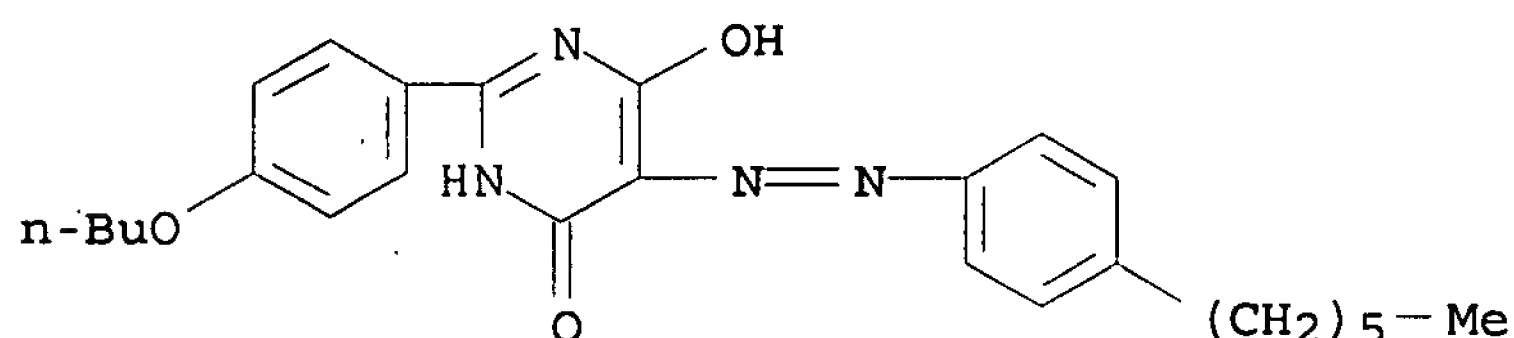
IT 150563-39-6P 150563-40-9P 150563-41-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, with phosphorus oxychloride in synthesis of dichroic dyes for color liquid-crystal. optical imaging devices)

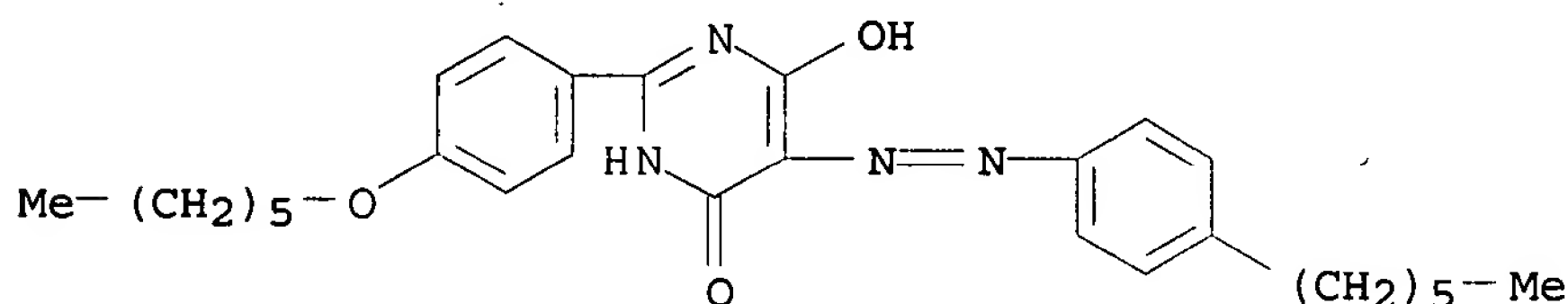
RN 150563-39-6 CAPLUS

CN 4,6(1H,5H)-Pyrimidinedione, 2-(4-butoxyphenyl)-5-[(4-hexylphenyl)azo]dihydro- (9CI) (CA INDEX NAME)



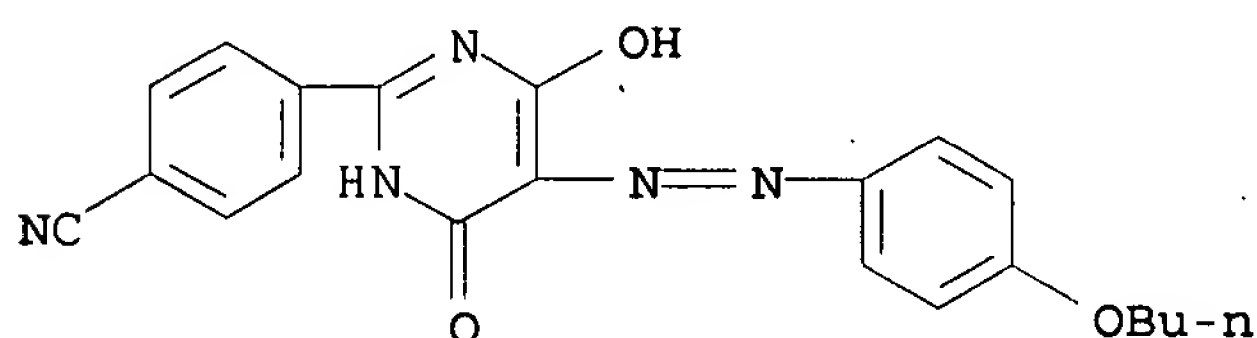
RN 150563-40-9 CAPLUS

CN 4,6(1H,5H)-Pyrimidinedione, 2-[4-(hexyloxy)phenyl]-5-[(4-hexylphenyl)azo]dihydro- (9CI) (CA INDEX NAME)



RN 150563-41-0 CAPLUS

CN Benzonitrile, 4-[5-[(4-butoxyphenyl)azo]-1,4-dihydro-6-hydroxy-4-oxo-2-pyrimidinyl]- (9CI) (CA INDEX NAME)



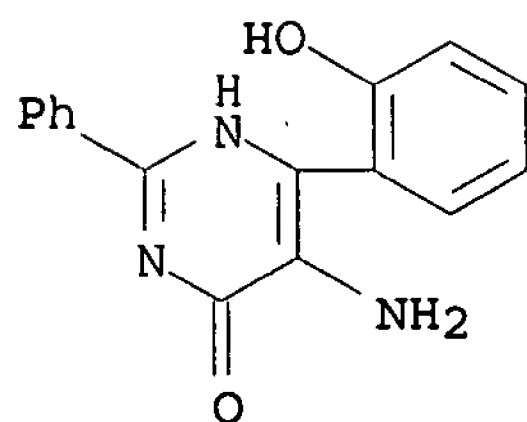
L24 ANSWER 5 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

IT 110566-03-5P 110566-04-6P

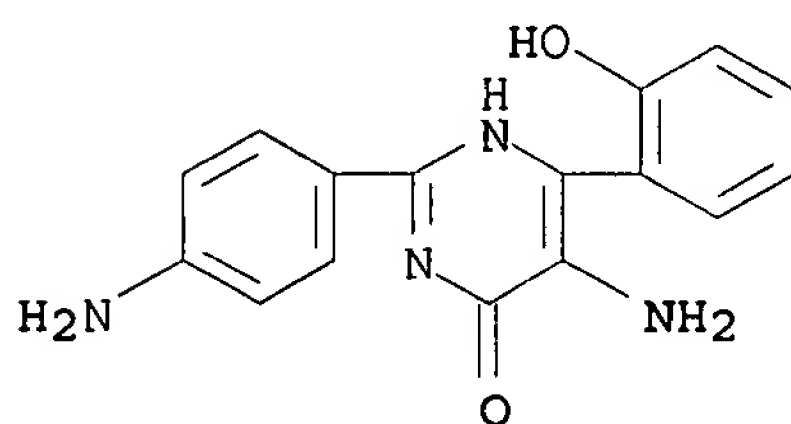
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and analgesic activity of)

RN 110566-03-5 CAPLUS

CN 4(1H)-Pyrimidinone, 5-amino-6-(2-hydroxyphenyl)-2-phenyl- (9CI) (CA INDEX NAME)

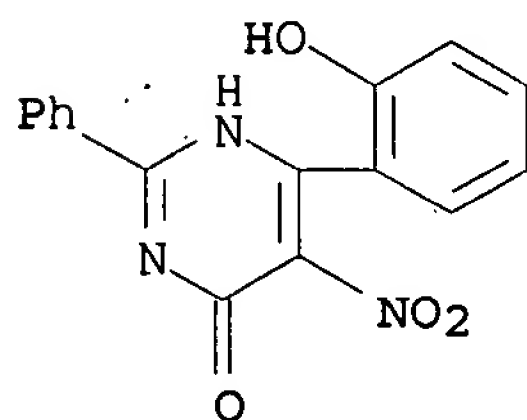


RN 110566-04-6 CAPLUS
 CN 4(1H)-Pyrimidinone, 5-amino-2-(4-aminophenyl)-6-(2-hydroxyphenyl)- (9CI)
 (CA INDEX NAME)

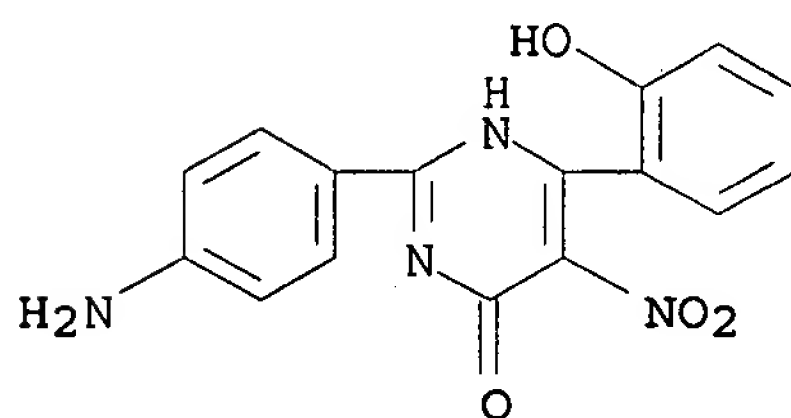


IT 110566-12-6P 110566-13-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reduction of)

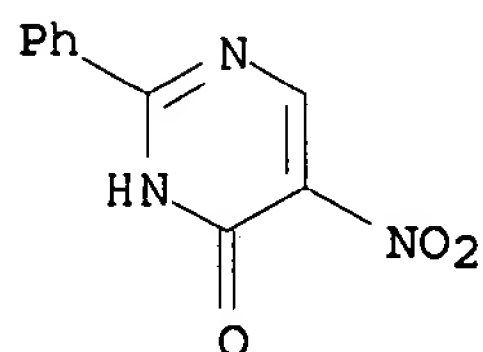
RN 110566-12-6 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-(2-hydroxyphenyl)-5-nitro-2-phenyl- (9CI) (CA INDEX
 NAME)



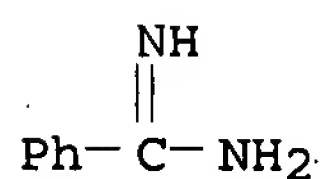
RN 110566-13-7 CAPLUS
 CN 4(1H)-Pyrimidinone, 2-(4-aminophenyl)-6-(2-hydroxyphenyl)-5-nitro- (9CI)
 (CA INDEX NAME)



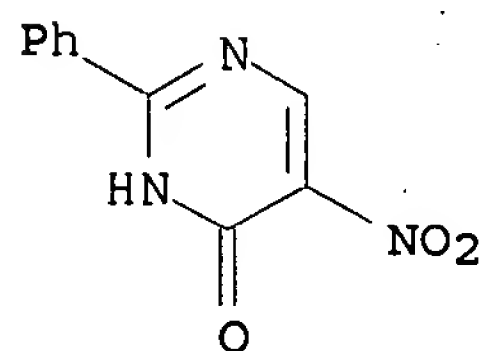
L24 ANSWER 6 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 99893-00-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and neutralization of, with acetic acid)
 RN 99893-00-2 CAPLUS
 CN Benzenecarboximidamide, compd. with 5-nitro-2-phenyl-4(1H)-pyrimidinone
 (1:1) (9CI) (CA INDEX NAME)
 CM 1
 CRN 3749-46-0
 CMF C10 H7 N3 O3



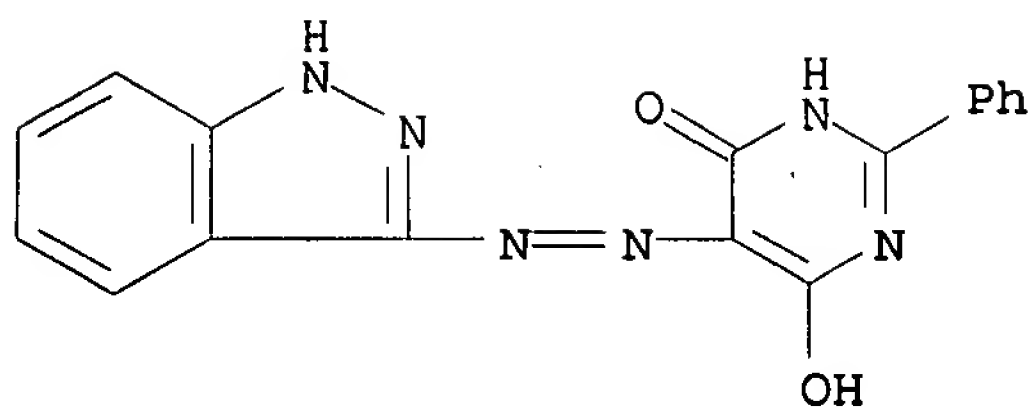
CM 2
 CRN 618-39-3
 CMF C7 H8 N2



IT 3749-46-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 3749-46-0 CAPLUS
 CN 4(1H)-Pyrimidinone, 5-nitro-2-phenyl- (9CI) (CA INDEX NAME)



L24 ANSWER 7 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 95689-94-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and cyclization of)
 RN 95689-94-4 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-hydroxy-5-(1H-indazol-3-ylazo)-2-phenyl- (9CI) (CA
 INDEX NAME)



L24 ANSWER 8 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

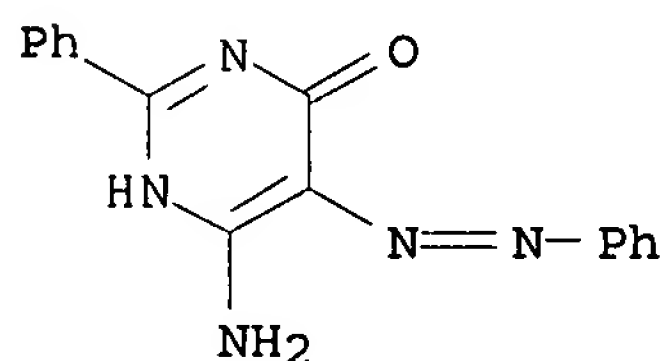
IT 54014-72-1P 81976-34-3P 81976-35-4P
81976-36-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation and reaction of, with aromatic aldehydes)

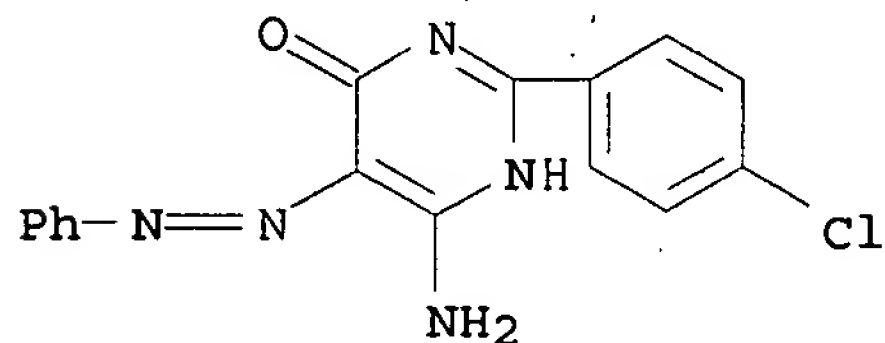
RN 54014-72-1 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-phenyl-5-(phenylazo)- (9CI) (CA INDEX NAME)



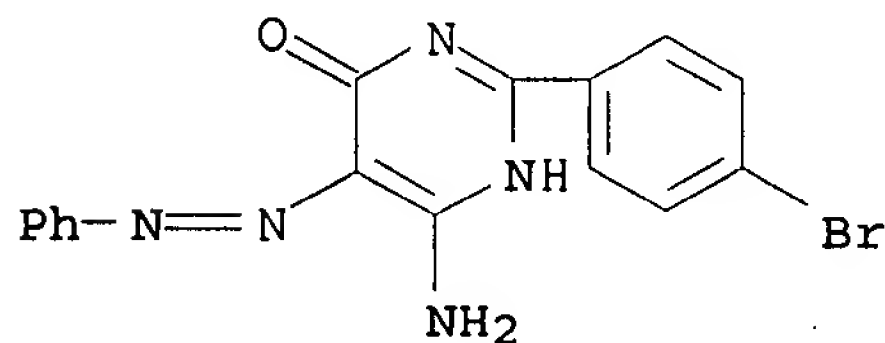
RN 81976-34-3 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-(4-chlorophenyl)-5-(phenylazo)- (9CI) (CA
INDEX NAME)



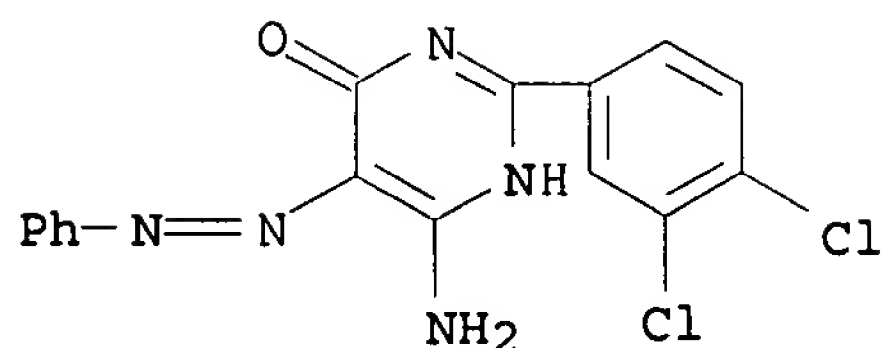
RN 81976-35-4 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-(4-bromophenyl)-5-(phenylazo)- (9CI) (CA
INDEX NAME)

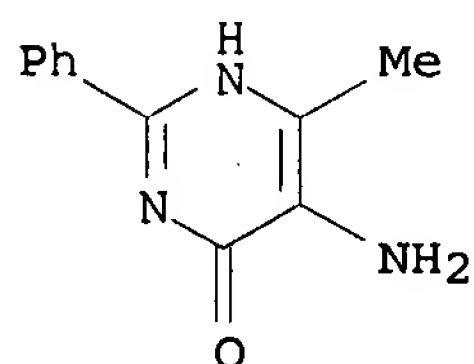


RN 81976-36-5 CAPLUS

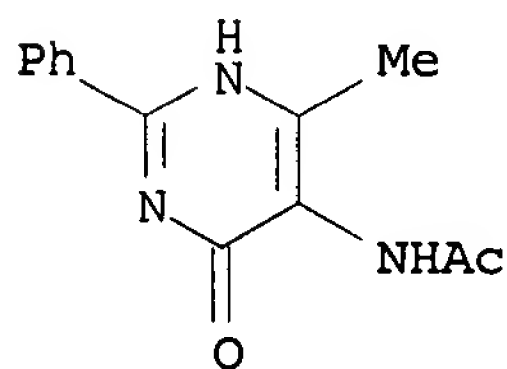
CN 4(1H)-Pyrimidinone, 6-amino-2-(3,4-dichlorophenyl)-5-(phenylazo)- (9CI)
(CA INDEX NAME)



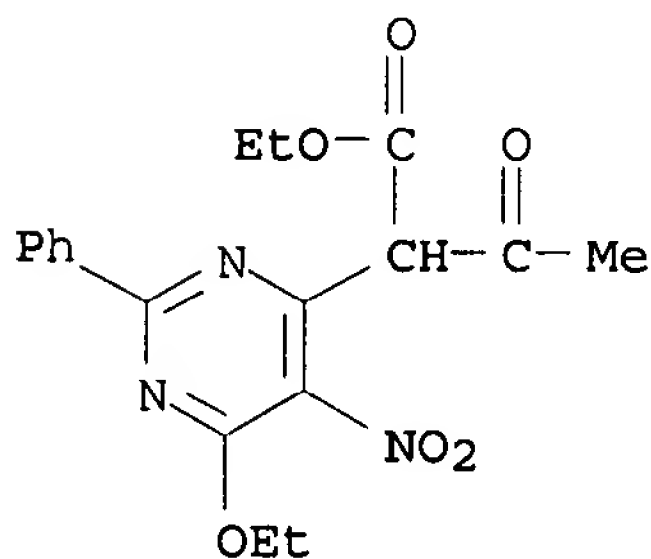
L24 ANSWER 9 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 72168-62-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (Vilsmeier reaction of)
 RN 72168-62-8 CAPLUS
 CN 4(1H)-Pyrimidinone, 5-amino-6-methyl-2-phenyl- (9CI) (CA INDEX NAME)



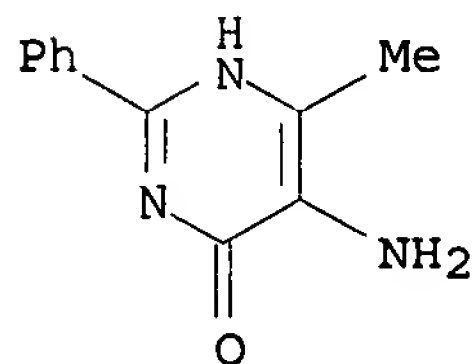
L24 ANSWER 10 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 72168-63-9P 72168-65-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and cyclization of)
 RN 72168-63-9 CAPLUS
 CN Acetamide, N-(1,4-dihydro-6-methyl-4-oxo-2-phenyl-5-pyrimidinyl)- (9CI)
 (CA INDEX NAME)



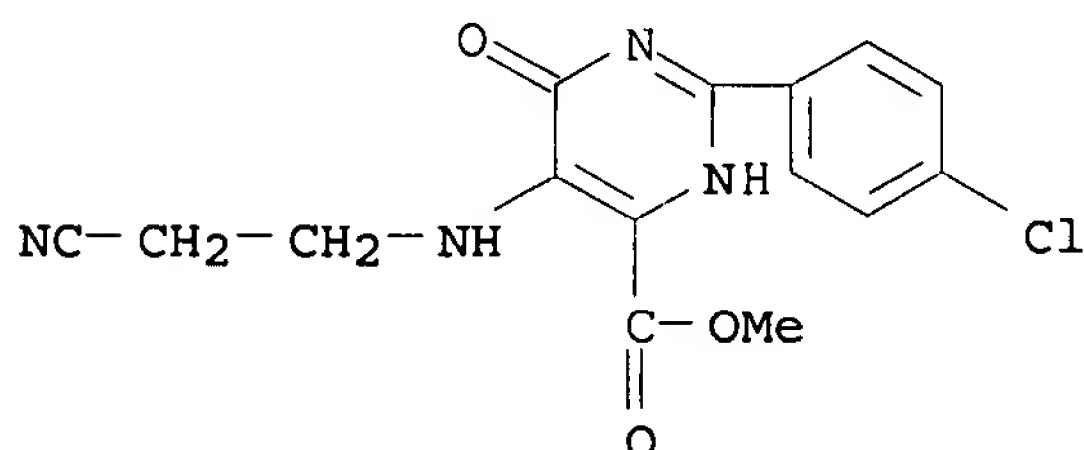
RN 72168-65-1 CAPLUS
 CN 4-Pyrimidineacetic acid, alpha-acetyl-6-ethoxy-5-nitro-2-phenyl-, ethyl
 ester (9CI) (CA INDEX NAME)



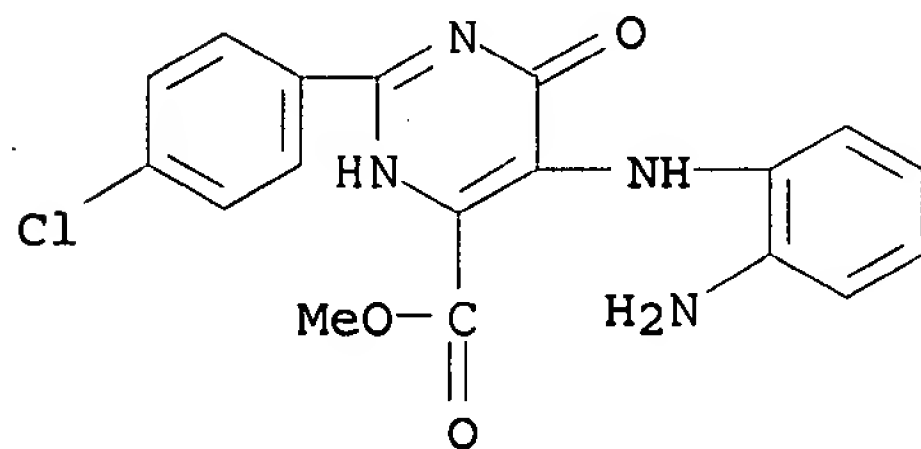
IT 72168-62-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 72168-62-8 CAPLUS
 CN 4(1H)-Pyrimidinone, 5-amino-6-methyl-2-phenyl- (9CI) (CA INDEX NAME)



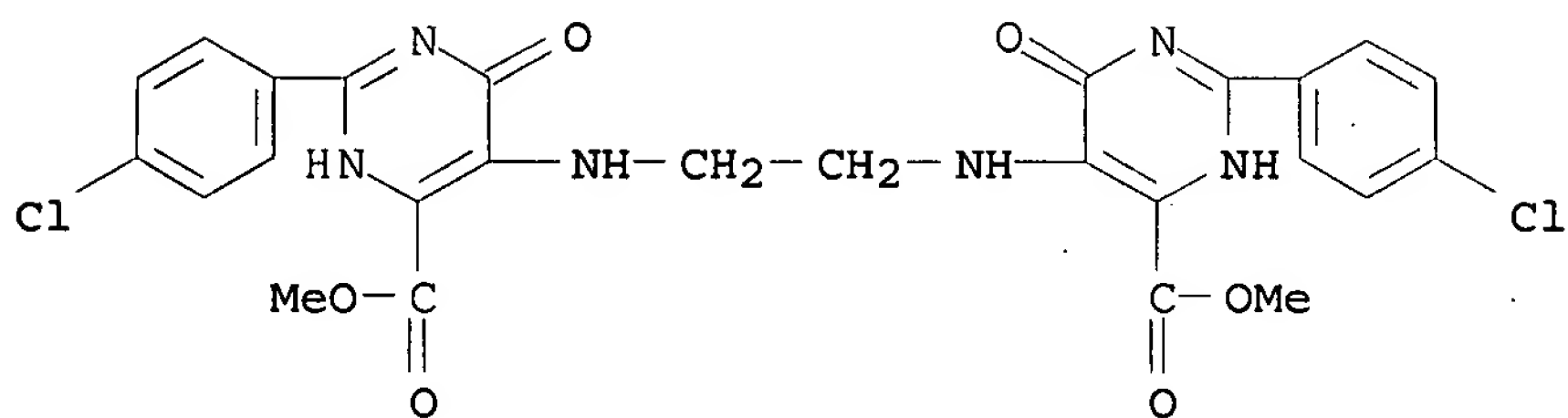
L24 ANSWER 11 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 70274-26-9P 70274-27-0P 70274-28-1P
 70274-29-2P 70472-25-2P 70492-18-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 70274-26-9 CAPLUS
 CN 4-Pyrimidinecarboxylic acid, 2-(4-chlorophenyl)-5-[(2-cyanoethyl)amino]-1,6-dihydro-6-oxo-, methyl ester (9CI) (CA INDEX NAME)



RN 70274-27-0 CAPLUS
 CN 4-Pyrimidinecarboxylic acid, 5-[(2-aminophenyl)amino]-2-(4-chlorophenyl)-1,6-dihydro-6-oxo-, methyl ester (9CI) (CA INDEX NAME)

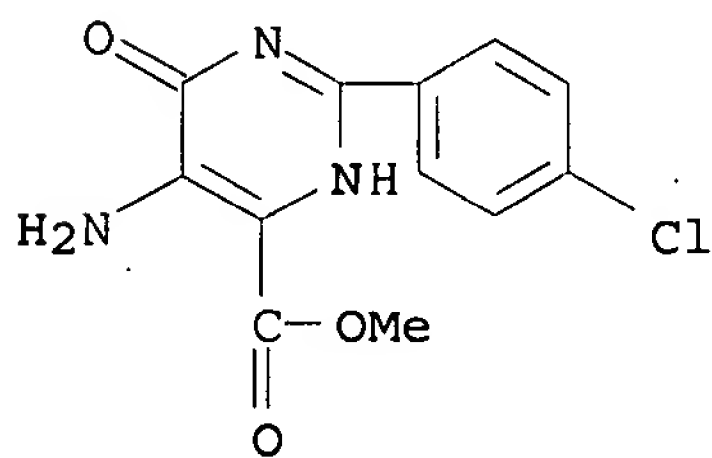


RN 70274-28-1 CAPLUS
 CN 4-Pyrimidinecarboxylic acid, 5,5'-(1,2-ethanediylldiimino)bis[2-(4-chlorophenyl)-1,6-dihydro-6-oxo-, dimethyl ester (9CI) (CA INDEX NAME)



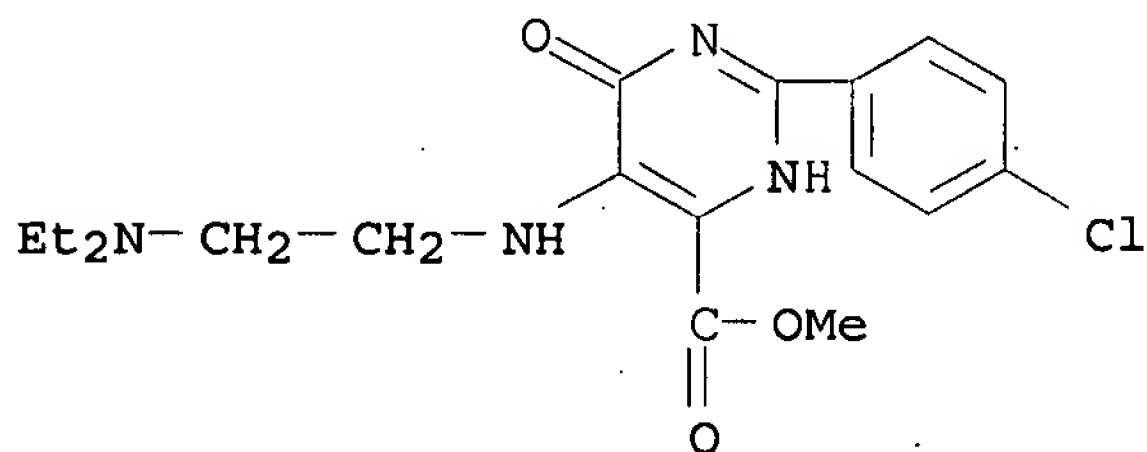
RN 70274-29-2 CAPLUS

CN 4-Pyrimidinecarboxylic acid, 5-amino-2-(4-chlorophenyl)-1,6-dihydro-6-oxo-, methyl ester (9CI) (CA INDEX NAME)



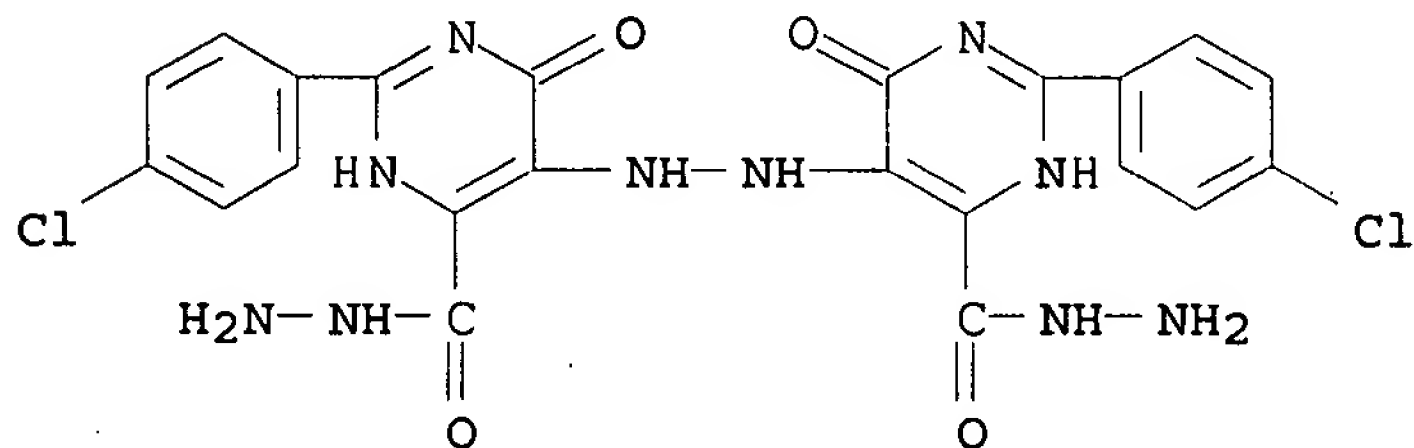
RN 70472-25-2 CAPLUS

CN 4-Pyrimidinecarboxylic acid, 2-(4-chlorophenyl)-5-[[2-(diethylamino)ethyl]amino]-1,6-dihydro-6-oxo-, methyl ester (9CI) (CA INDEX NAME)



RN 70492-18-1 CAPLUS

CN 4-Pyrimidinecarboxylic acid, 5,5'-hydrazobis[2-(4-chlorophenyl)-1,6-dihydro-6-oxo-, dihydrazide (9CI) (CA INDEX NAME)



L24 ANSWER 12 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

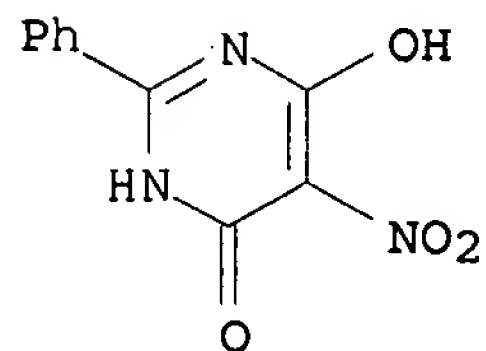
IT 68905-99-7P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation and plant-growth stimulating activity of)

RN 68905-99-7 CAPLUS

CN 4(3H)-Pyrimidinone, 6-hydroxy-5-nitro-2-phenyl- (CA INDEX NAME)



L24 ANSWER 13 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

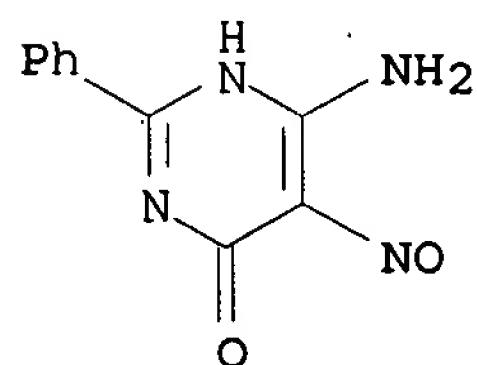
IT 5466-66-0

RL: RCT (Reactant); RACT (Reactant or reagent)

(cyclocondensation reaction with benzaldehyde dimethylhydrazone)

RN 5466-66-0 CAPLUS

CN 4(3H)-Pyrimidinone, 6-amino-5-nitroso-2-phenyl- (CA INDEX NAME)



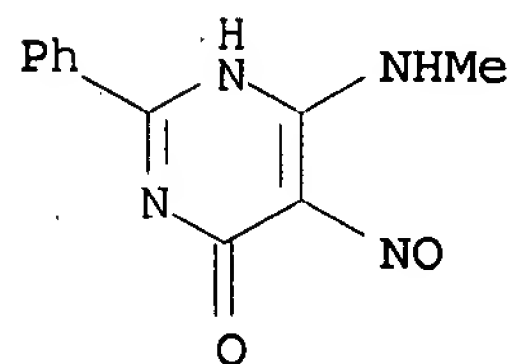
IT 61080-27-1P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation and cyclocondensation reaction with aldehyde dimethylhydrazones)

RN 61080-27-1 CAPLUS

CN 4(1H)-Pyrimidinone, 6-(methylamino)-5-nitroso-2-phenyl- (9CI) (CA INDEX NAME)



L24 ANSWER 14 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

IT 57075-30-6P 57075-31-7P 57075-32-8P

57075-33-9P 57075-34-0P 57075-35-1P

57075-36-2P 57075-38-4P 57075-39-5P

57075-41-9P 57075-42-0P 57075-43-1P

57075-44-2P 57075-45-3P 57075-46-4P

57075-47-5P 57075-48-6P 57075-49-7P

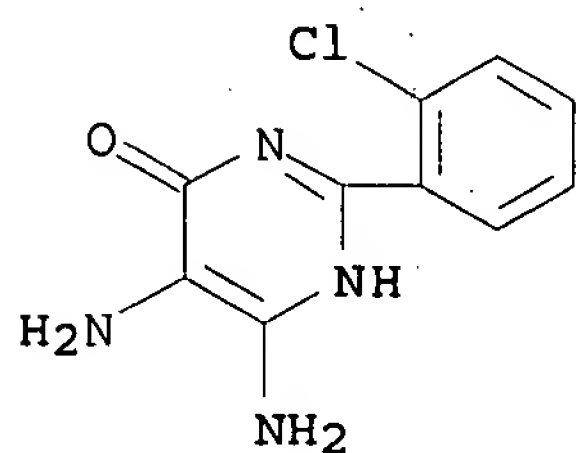
57075-50-0P 57075-51-1P 57075-52-2P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation and cycloaddn. with sodium nitrate)

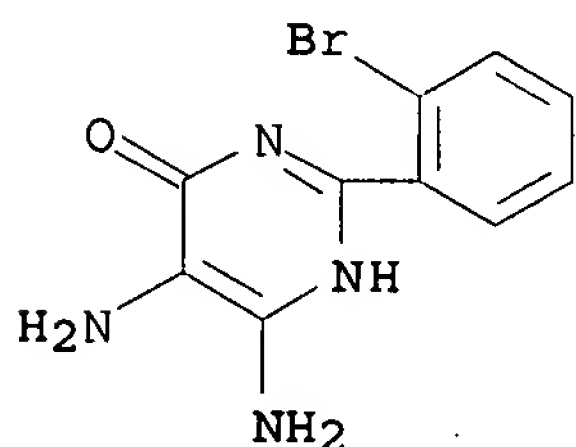
RN 57075-30-6 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



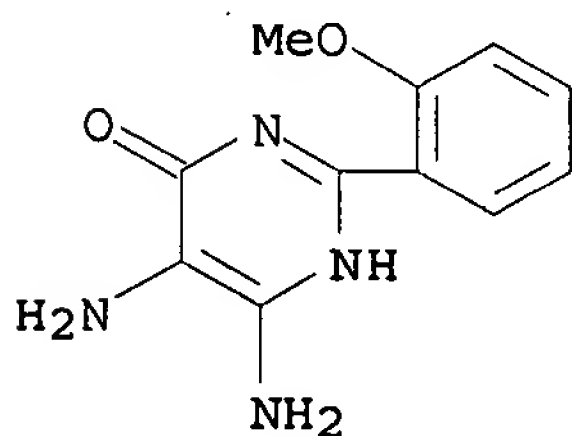
RN 57075-31-7 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(2-bromophenyl)- (9CI) (CA INDEX NAME)



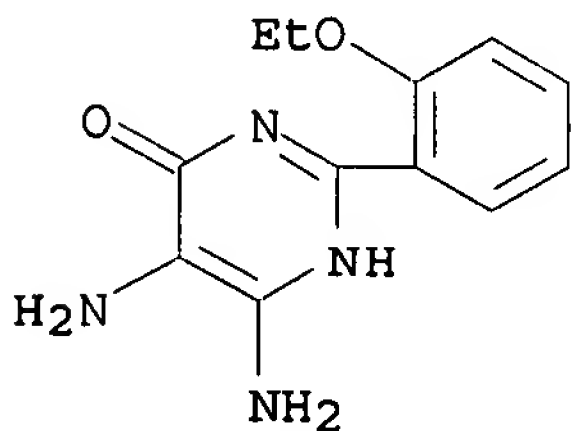
RN 57075-32-8 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



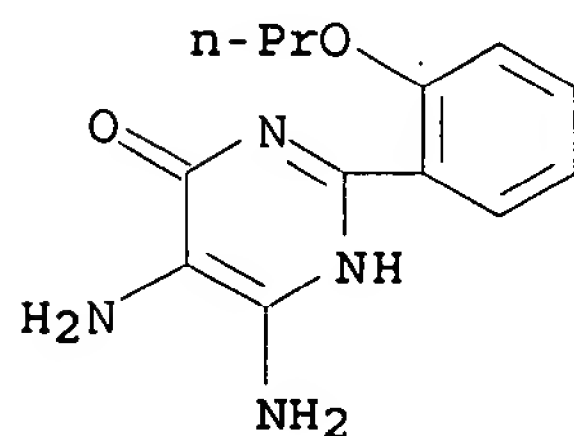
RN 57075-33-9 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(2-ethoxyphenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

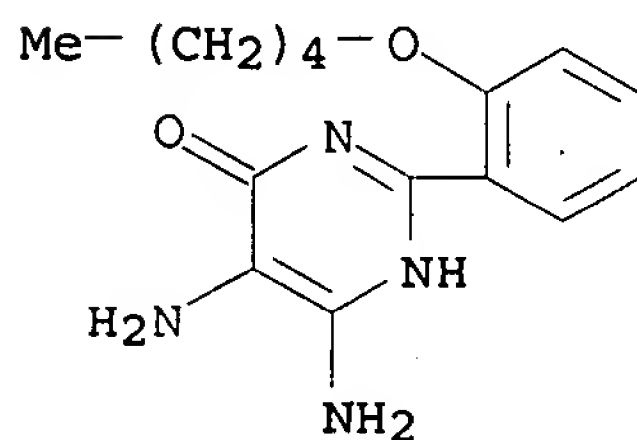


● HCl

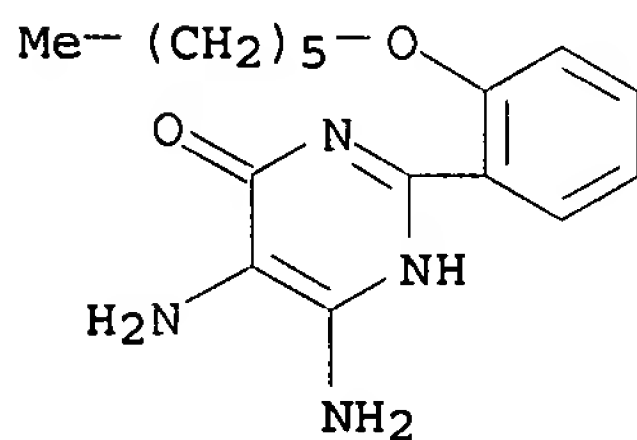
RN 57075-34-0 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(2-propoxyphenyl)- (9CI) (CA INDEX NAME)



RN 57075-35-1 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[2-(pentyloxy)phenyl]- (9CI) (CA INDEX NAME)



RN 57075-36-2 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[2-(hexyloxy)phenyl]- (9CI) (CA INDEX NAME)

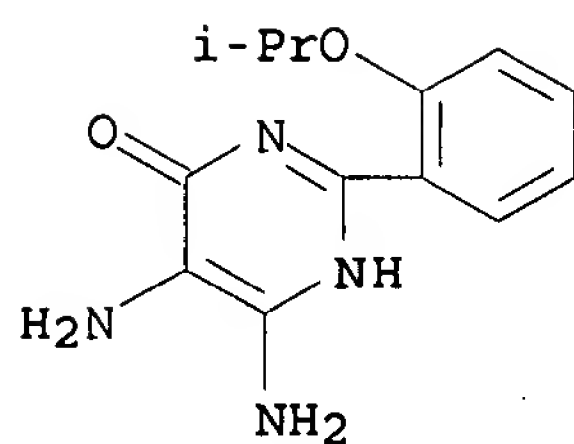


RN 57075-38-4 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[2-(1-methylethoxy)phenyl]-, compd. with 2,4,6-trinitrophenol (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 57075-37-3

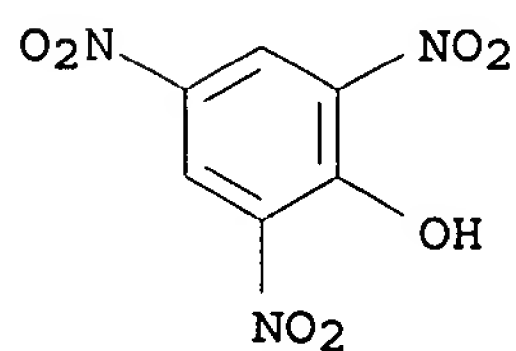
CMF C13 H16 N4 O2



CM 2

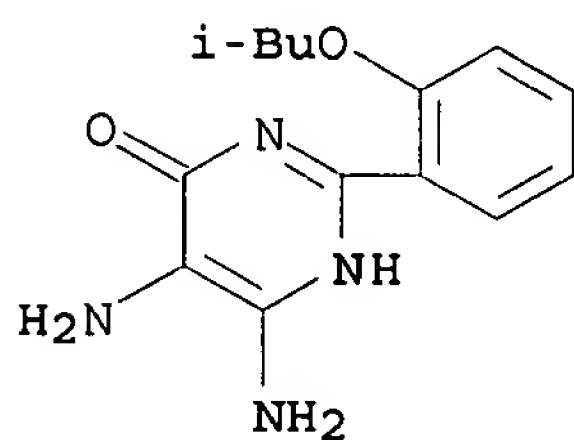
CRN 88-89-1

CMF C6 H3 N3 O7



RN 57075-39-5 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[2-(2-methylpropoxy)phenyl]- (9CI) (CA INDEX NAME)



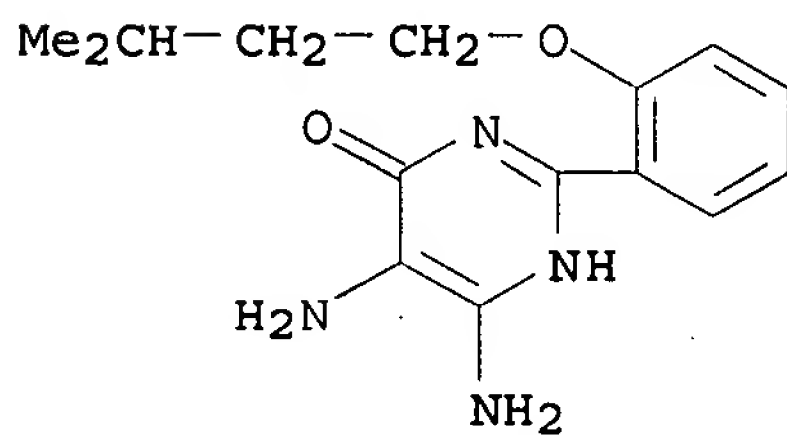
RN 57075-41-9 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[2-(3-methylbutoxy)phenyl]-, compd. with 2,4,6-trinitrophenol (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 57075-40-8

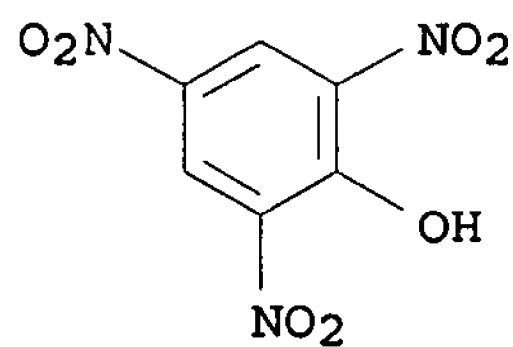
CMF C15 H20 N4 O2



CM 2

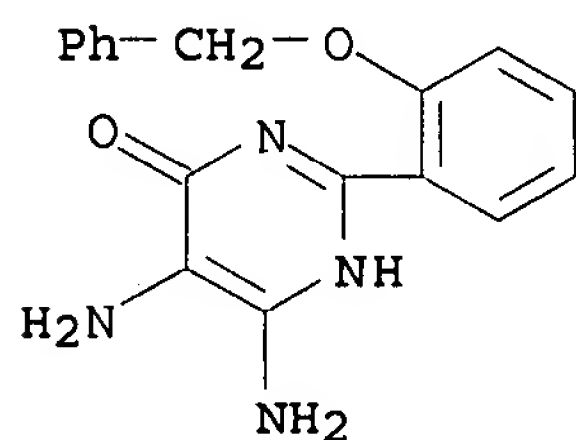
CRN 88-89-1

CMF C6 H3 N3 O7



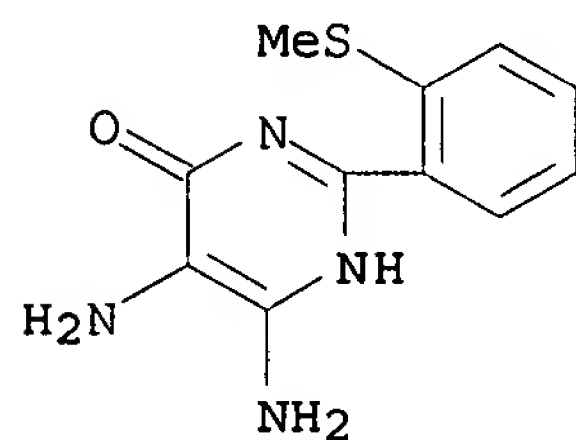
RN 57075-42-0 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[2-(phenylmethoxy)phenyl] - (9CI) (CA INDEX NAME)



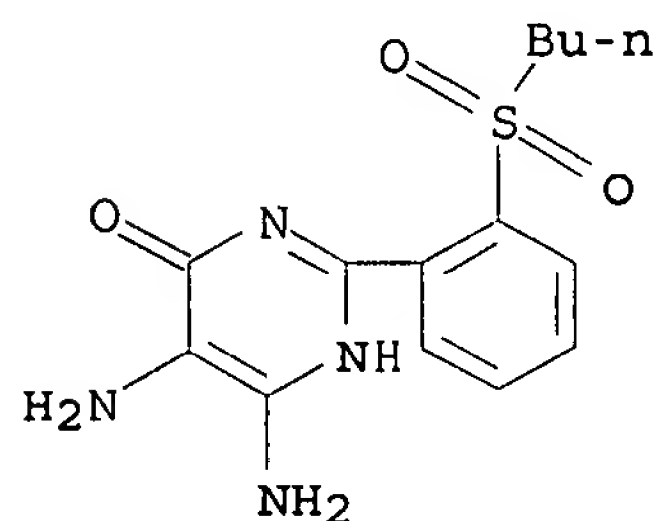
RN 57075-43-1 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[2-(methylthio)phenyl] - (9CI) (CA INDEX NAME)

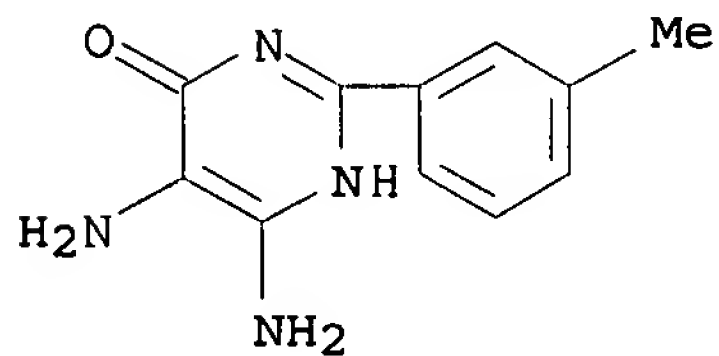


RN 57075-44-2 CAPLUS

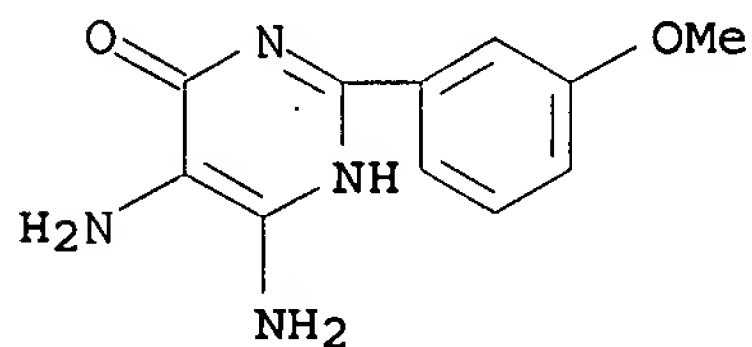
CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[2-(butylsulfonyl)phenyl] - (9CI) (CA INDEX NAME)



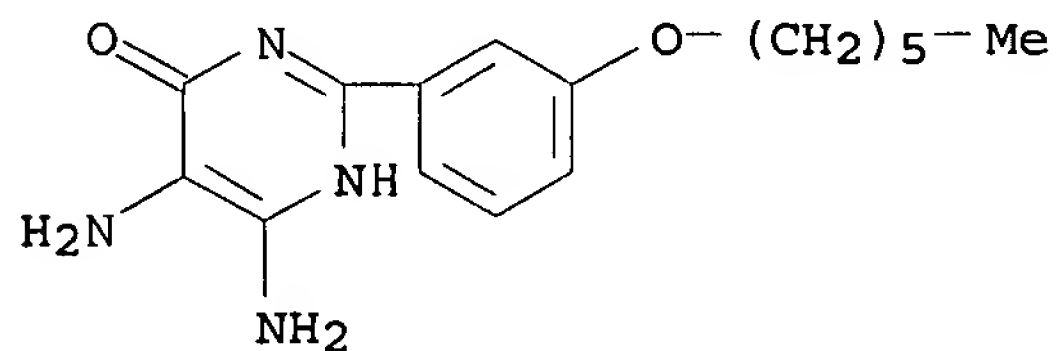
RN 57075-45-3 CAPLUS
CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(3-methylphenyl)- (9CI) (CA INDEX NAME)



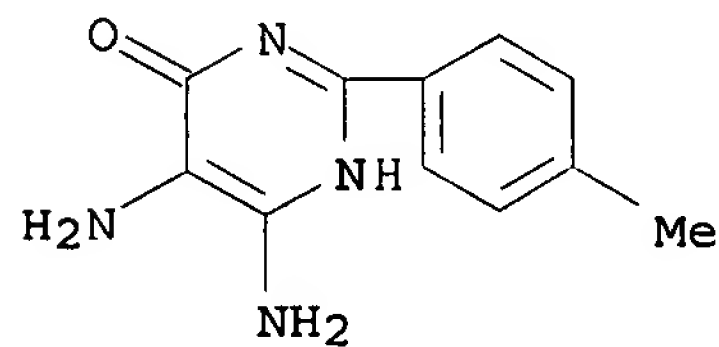
RN 57075-46-4 CAPLUS
CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



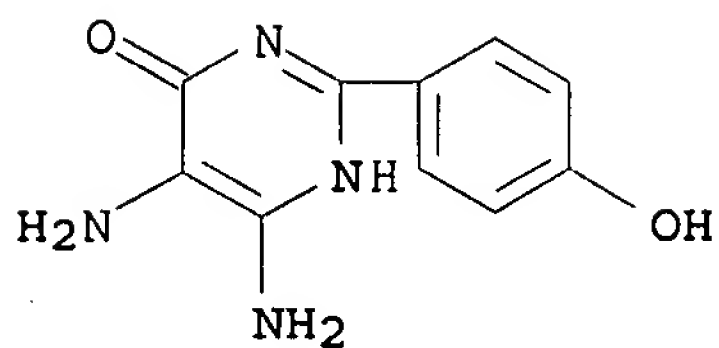
RN 57075-47-5 CAPLUS
CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[3-(hexyloxy)phenyl]- (9CI) (CA INDEX NAME)



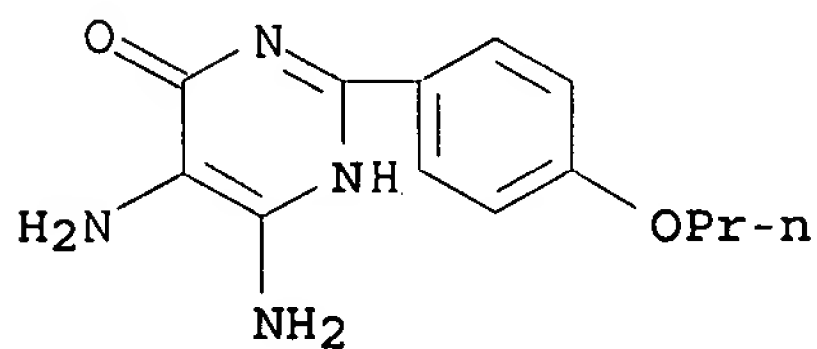
RN 57075-48-6 CAPLUS
CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(4-methylphenyl)- (9CI) (CA INDEX NAME)



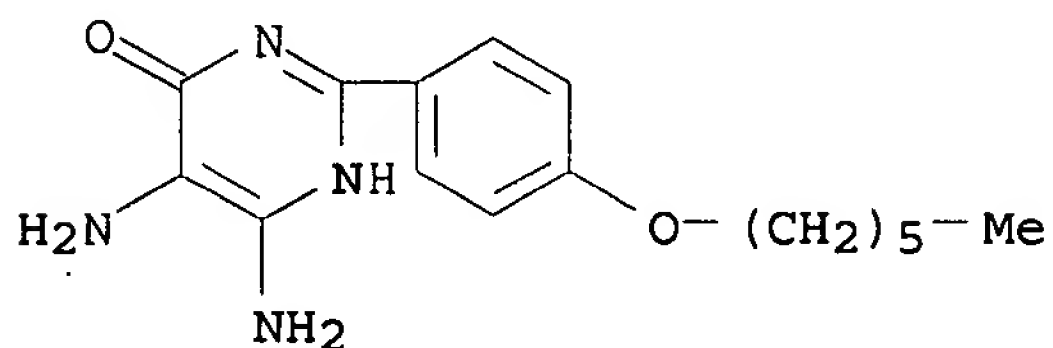
RN 57075-49-7 CAPLUS
CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)



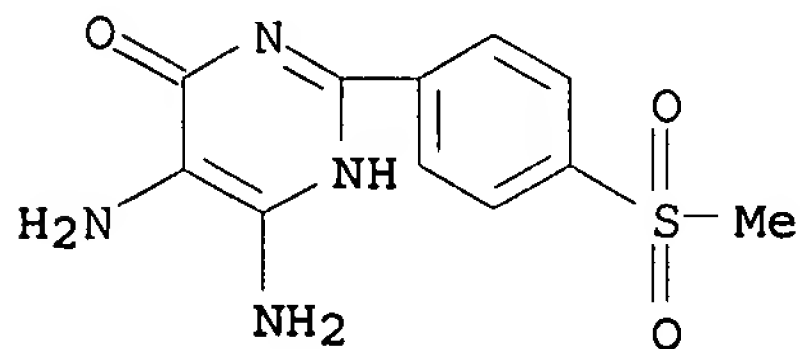
RN 57075-50-0 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(4-propoxyphenyl)- (9CI) (CA INDEX NAME)



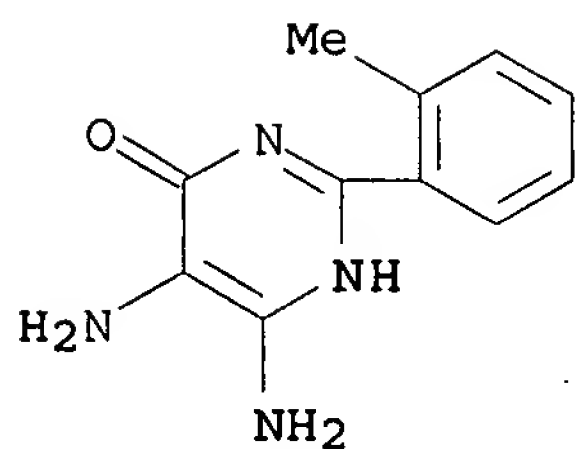
RN 57075-51-1 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[4-(hexyloxy)phenyl]- (9CI) (CA INDEX NAME)



RN 57075-52-2 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

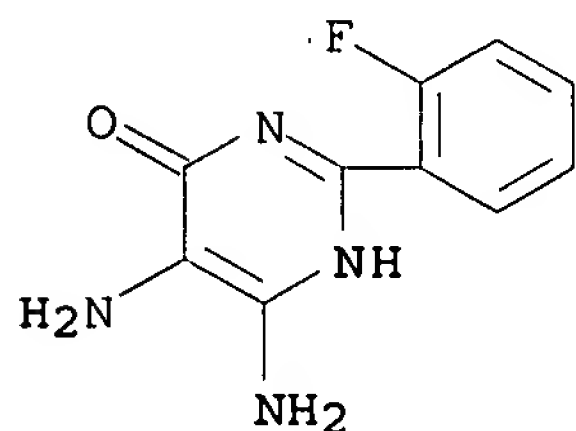


IT 57075-28-2P 57075-29-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and nitrosative cyclization of)
 RN 57075-28-2 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(2-methylphenyl)- (9CI) (CA INDEX NAME)



RN 57075-29-3 CAPLUS

CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



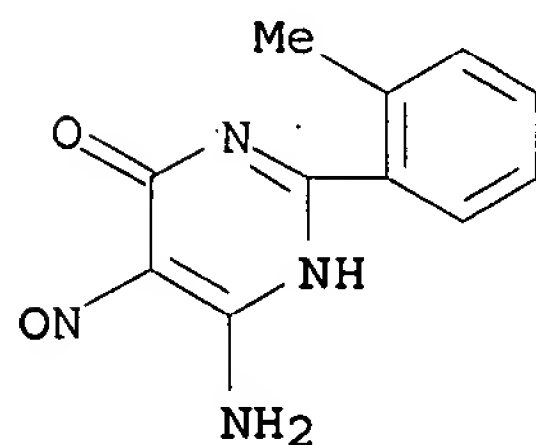
IT 57075-53-3P 57075-54-4P 57075-55-5P
 57075-56-6P 57075-57-7P 57075-58-8P
 57075-59-9P 57075-60-2P 57075-61-3P
 57075-62-4P 57075-63-5P 57075-64-6P
 57075-65-7P 57075-66-8P 57075-67-9P
 57075-68-0P 57075-69-1P 57075-70-4P
 57075-71-5P 57075-72-6P 57075-73-7P
 57075-74-8P 57075-75-9P 57075-76-0P
 57075-77-1P 57075-78-2P 57075-79-3P
 57075-80-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reduction of)

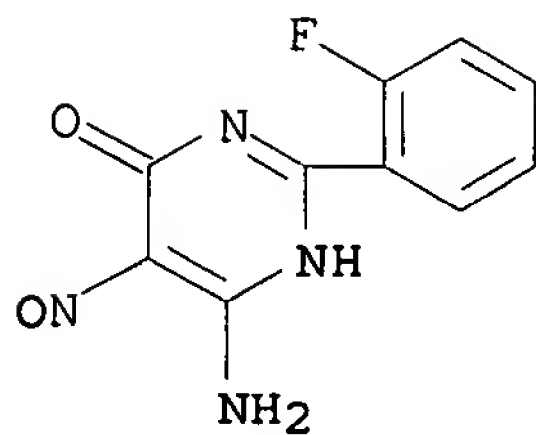
RN 57075-53-3 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-(2-methylphenyl)-5-nitroso- (9CI) (CA INDEX NAME)

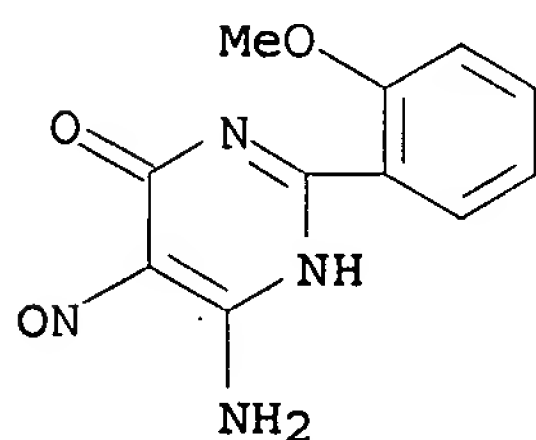


RN 57075-54-4 CAPLUS

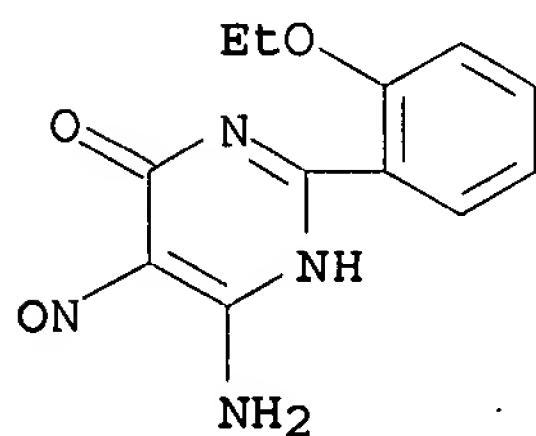
CN 4(1H)-Pyrimidinone, 6-amino-2-(2-fluorophenyl)-5-nitroso- (9CI) (CA INDEX NAME)



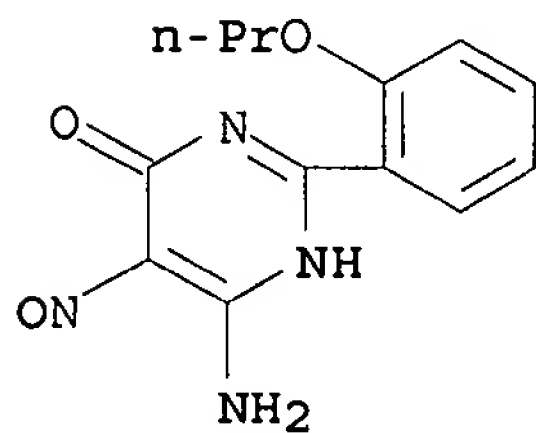
RN 57075-55-5 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-(2-methoxyphenyl)-5-nitroso- (9CI) (CA INDEX NAME)



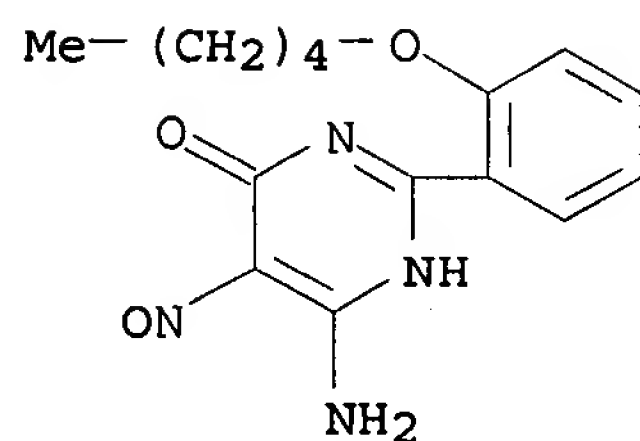
RN 57075-56-6 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-(2-ethoxyphenyl)-5-nitroso- (9CI) (CA INDEX NAME)



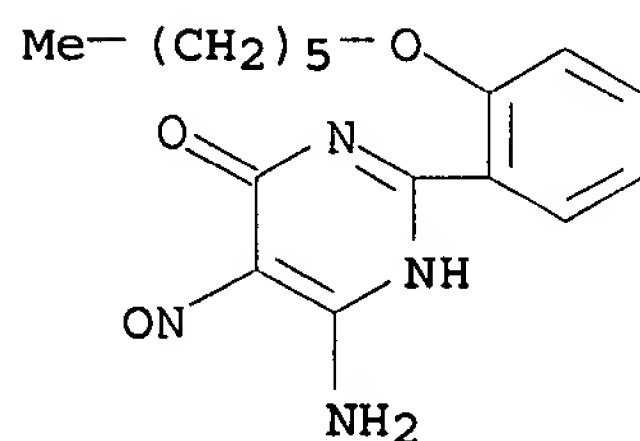
RN 57075-57-7 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-5-nitroso-2-(2-propoxyphenyl)- (9CI) (CA INDEX NAME)



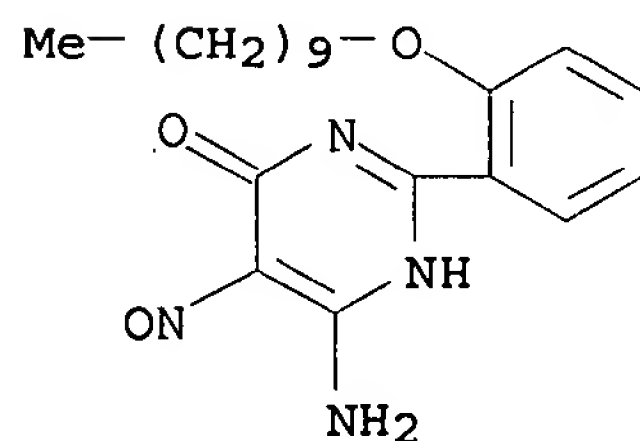
RN 57075-58-8 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-5-nitroso-2-[2-(pentyloxy)phenyl]- (9CI) (CA INDEX NAME)



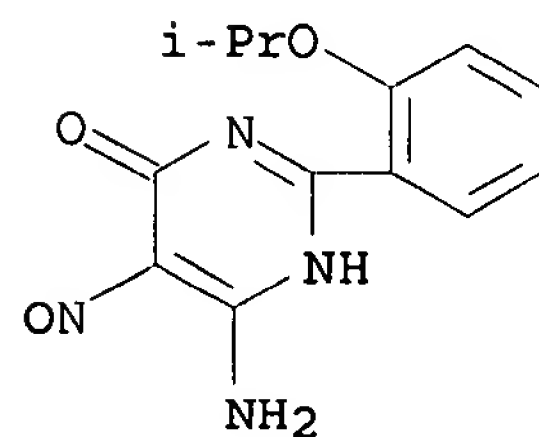
RN 57075-59-9 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(hexyloxy)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



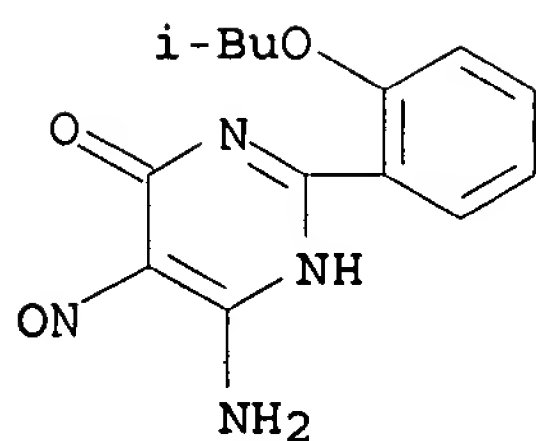
RN 57075-60-2 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(decyloxy)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



RN 57075-61-3 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(1-methylethoxy)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)

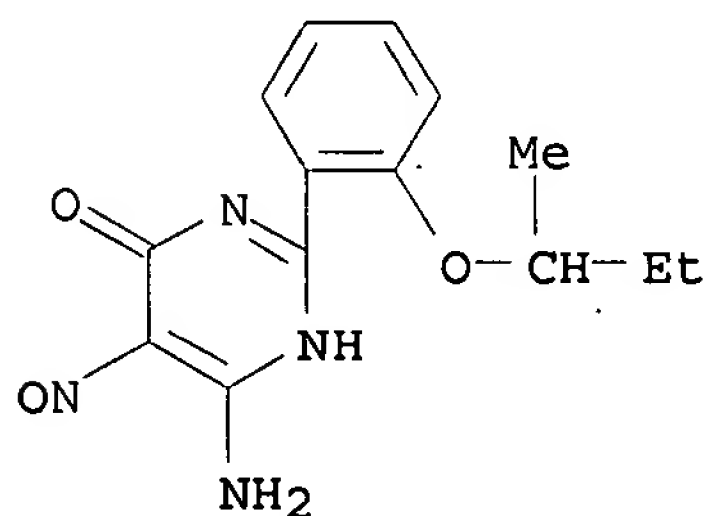


RN 57075-62-4 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(2-methylpropoxy)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



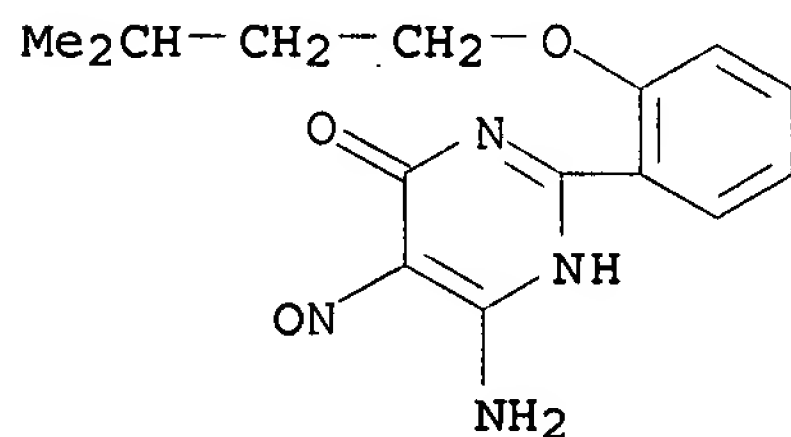
RN 57075-63-5 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(1-methylpropoxy)phenyl]-5-nitroso- (9CI)
(CA INDEX NAME)



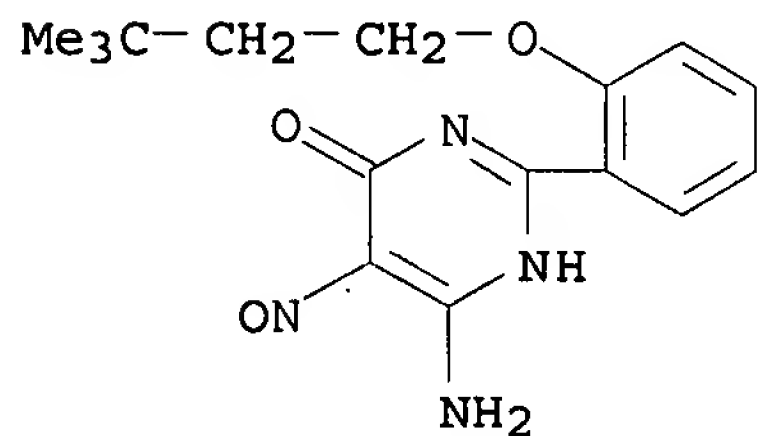
RN 57075-64-6 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(3-methylbutoxy)phenyl]-5-nitroso- (9CI)
(CA INDEX NAME)



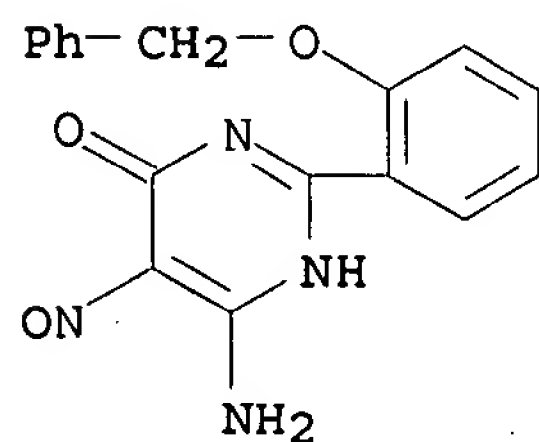
RN 57075-65-7 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(3,3-dimethylbutoxy)phenyl]-5-nitroso-,
monosodium salt (9CI) (CA INDEX NAME)

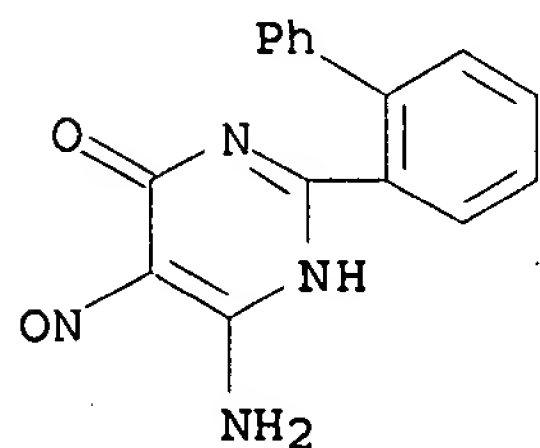


● Na

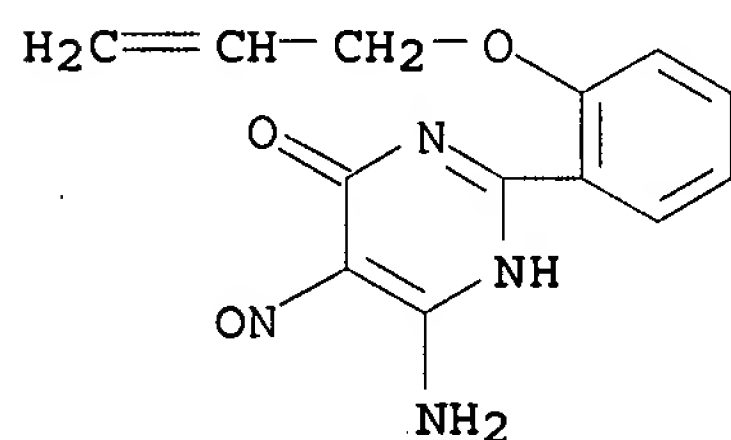
RN 57075-66-8 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-5-nitroso-2-[2-(phenylmethoxy)phenyl] - (9CI)
 (CA INDEX NAME)



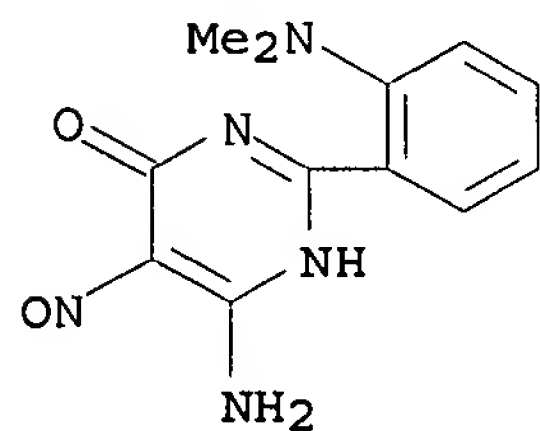
RN 57075-67-9 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[1,1'-biphenyl]-2-yl-5-nitroso- (9CI) (CA
 INDEX NAME)



RN 57075-68-0 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-5-nitroso-2-[2-(2-propenyloxy)phenyl] - (9CI)
 (CA INDEX NAME)

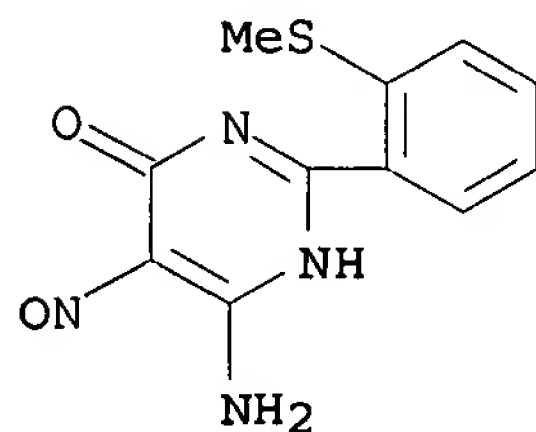


RN 57075-69-1 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(dimethylamino)phenyl]-5-nitroso- (9CI)
 (CA INDEX NAME)



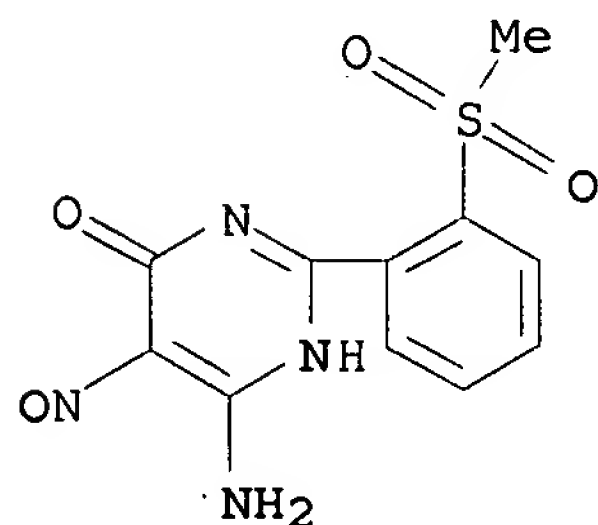
RN 57075-70-4 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(méthylthio)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



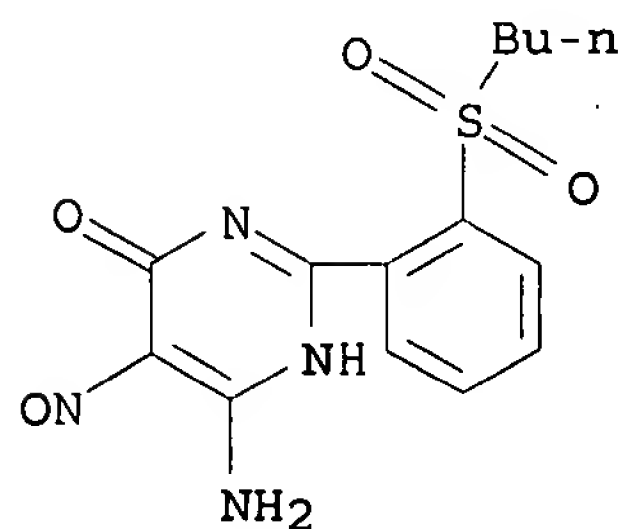
RN 57075-71-5 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(methysulfonyl)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



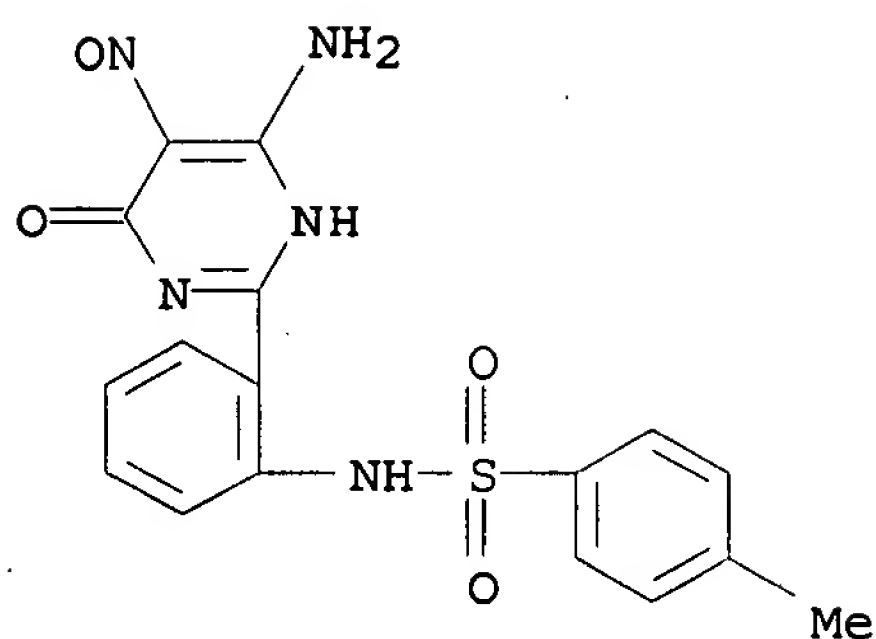
RN 57075-72-6 CAPLUS

CN 4(1H)-Pyrimidinone, 6-amino-2-[2-(butylsulfonyl)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)

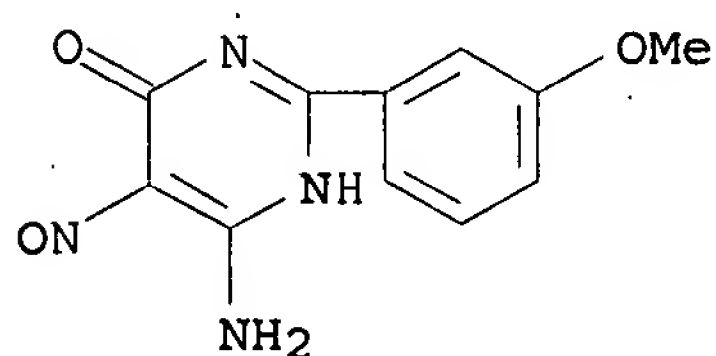


RN 57075-73-7 CAPLUS

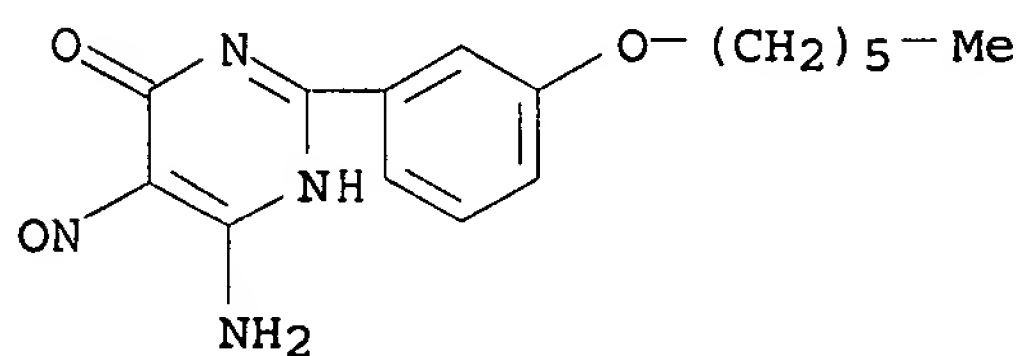
CN Benzenesulfonamide, N-[2-(6-amino-1,4-dihydro-5-nitroso-4-oxo-2-pyrimidinyl)phenyl]-4-methyl- (9CI) (CA INDEX NAME)



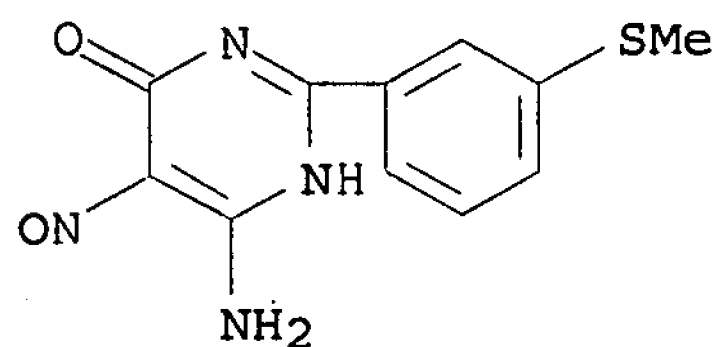
RN 57075-74-8 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-(3-methoxyphenyl)-5-nitroso- (9CI) (CA INDEX NAME)



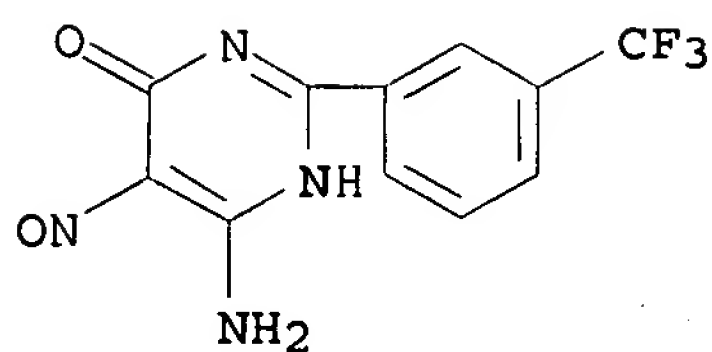
RN 57075-75-9 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[3-(hexyloxy)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



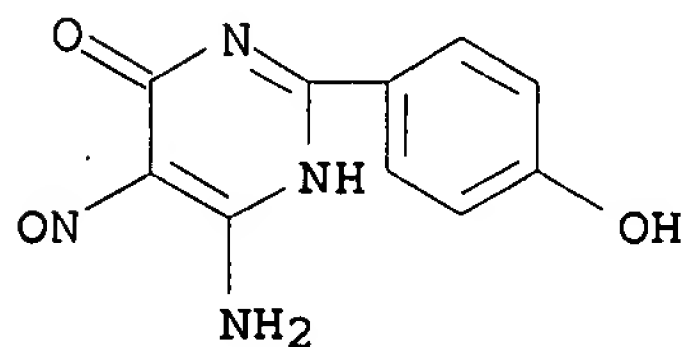
RN 57075-76-0 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[3-(methylthio)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



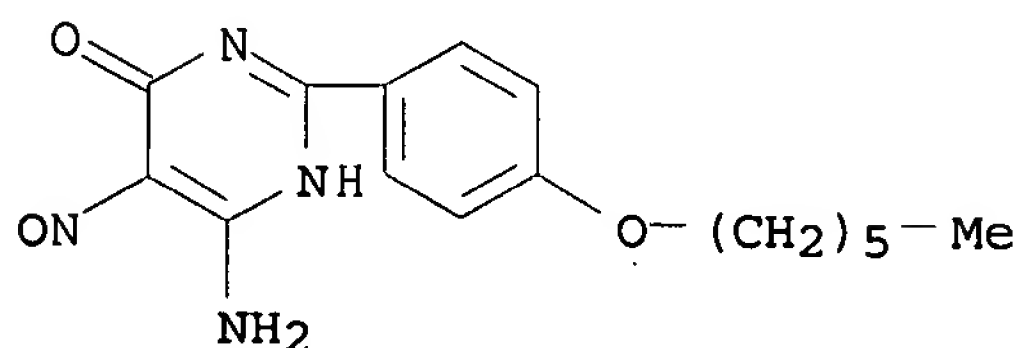
RN 57075-77-1 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-5-nitroso-2-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



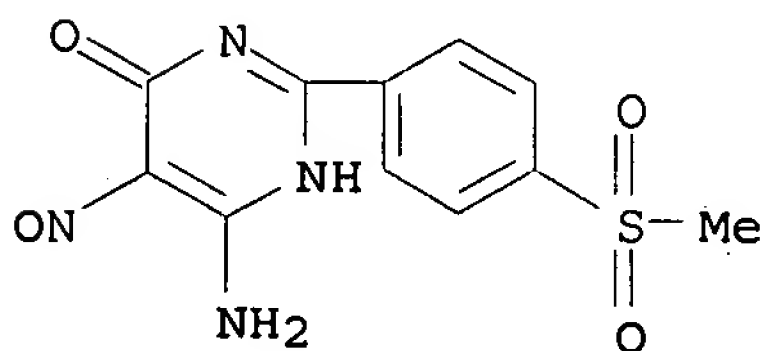
RN 57075-78-2 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-(4-hydroxyphenyl)-5-nitroso- (9CI) (CA INDEX NAME)



RN 57075-79-3 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[4-(hexyloxy)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



RN 57075-80-6 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-2-[4-(methylsulfonyl)phenyl]-5-nitroso- (9CI) (CA INDEX NAME)



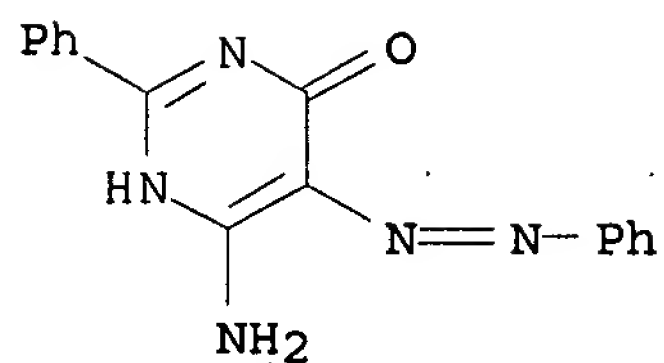
L24 ANSWER 15 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

IT 54014-72-1

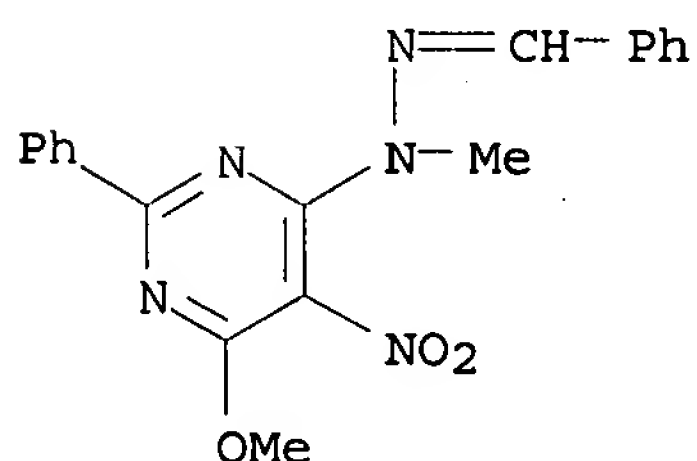
RL: RCT (Reactant); RACT (Reactant or reagent)
 (condensation with aromatic aldehydes)

RN 54014-72-1 CAPLUS

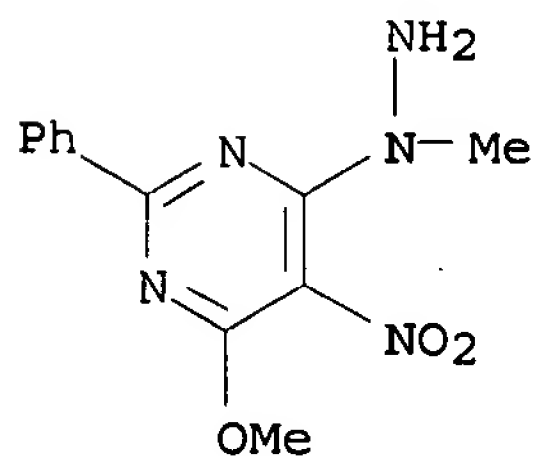
CN 4(1H)-Pyrimidinone, 6-amino-2-phenyl-5-(phenylazo)- (9CI) (CA INDEX NAME)



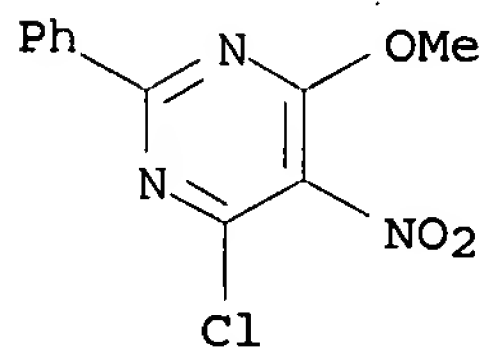
L24 ANSWER 16 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 53246-62-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (photolysis of)
 RN 53246-62-1 CAPLUS
 CN Benzaldehyde, (6-methoxy-5-nitro-2-phenyl-4-pyrimidinyl)methylhydrazone
 (9CI) (CA INDEX NAME)



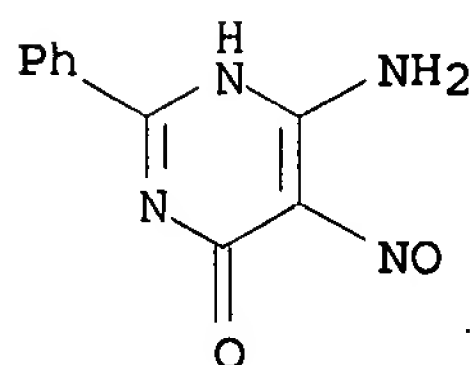
IT 53246-64-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 53246-64-3 CAPLUS
 CN Pyrimidine, 4-methoxy-6-(1-methylhydrazino)-5-nitro-2-phenyl- (9CI) (CA
 INDEX NAME)



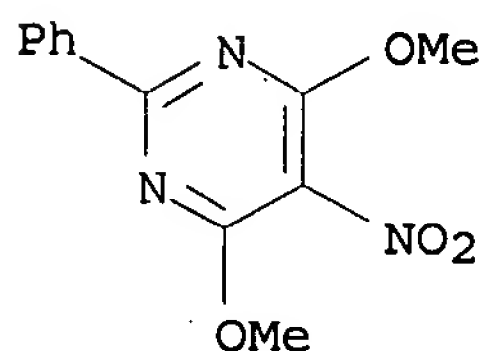
IT 53246-63-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with methylhydrazine)
 RN 53246-63-2 CAPLUS
 CN Pyrimidine, 4-chloro-6-methoxy-5-nitro-2-phenyl- (9CI) (CA INDEX NAME)



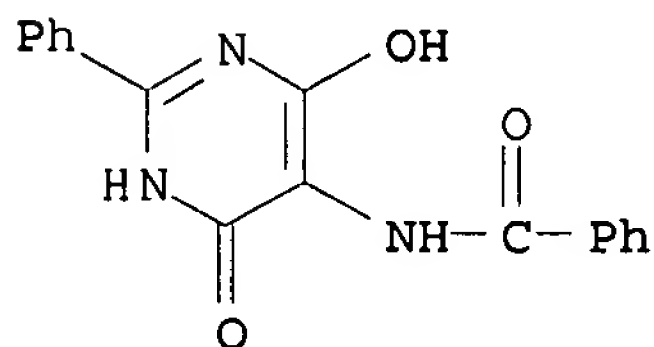
L24 ANSWER 17 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
IT 5466-66-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with formamides)
RN 5466-66-0 CAPLUS
CN 4(3H)-Pyrimidinone, 6-amino-5-nitroso-2-phenyl- (CA INDEX NAME)



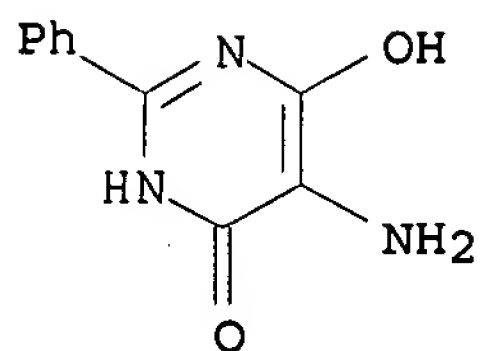
L24 ANSWER 18 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
IT 29939-35-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(prolysis of)
RN 29939-35-3 CAPLUS
CN Pyrimidine, 4,6-dimethoxy-5-nitro-2-phenyl- (CA INDEX NAME)



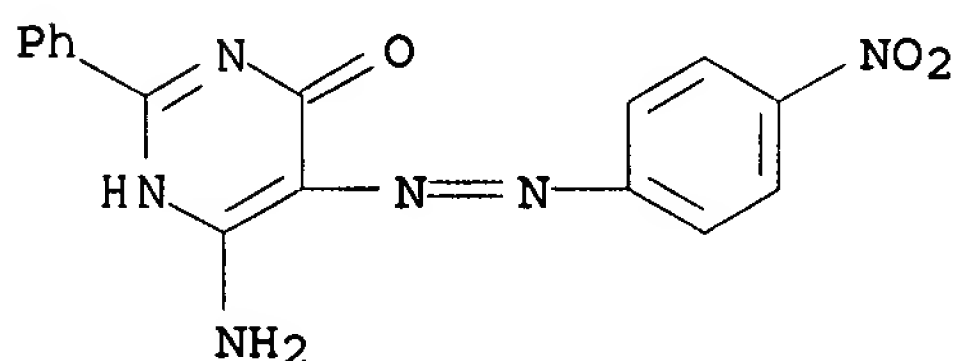
L24 ANSWER 19 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
IT 34906-02-0P 34906-08-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 34906-02-0 CAPLUS
CN Benzamide, N-(1,4-dihydro-6-hydroxy-4-oxo-2-phenyl-5-pyrimidinyl)- (9CI)
(CA INDEX NAME)



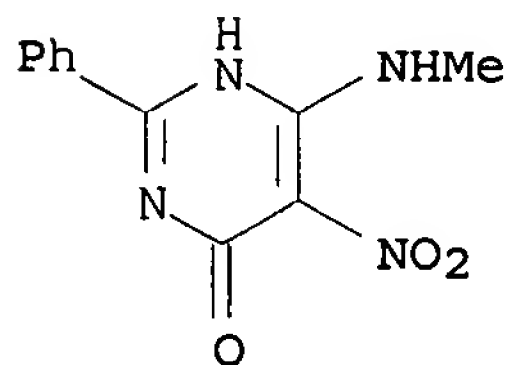
RN 34906-08-6 CAPLUS
CN 4(1H)-Pyrimidinone, 5-amino-6-hydroxy-2-phenyl- (CA INDEX NAME)



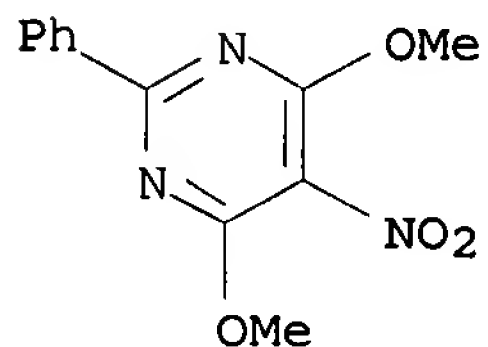
L24 ANSWER 20 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 38522-17-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 38522-17-7 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-amino-5-[(4-nitrophenyl)azo]-2-phenyl- (9CI) (CA
 INDEX NAME)



L24 ANSWER 21 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 31937-03-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 31937-03-8 CAPLUS
 CN 4(1H)-Pyrimidinone, 6-(methylamino)-5-nitro-2-phenyl- (9CI) (CA INDEX
 NAME)



L24 ANSWER 22 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 29939-35-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 29939-35-3 CAPLUS
 CN Pyrimidine, 4,6-dimethoxy-5-nitro-2-phenyl- (CA INDEX NAME)



L24 ANSWER 23 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

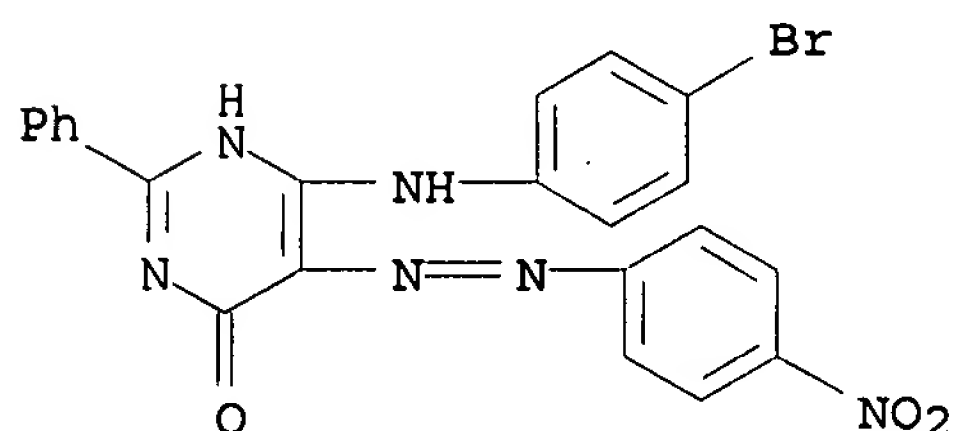
IT 31595-55-8P 31595-56-9P 31595-57-0P

31595-77-4P 31595-78-5P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

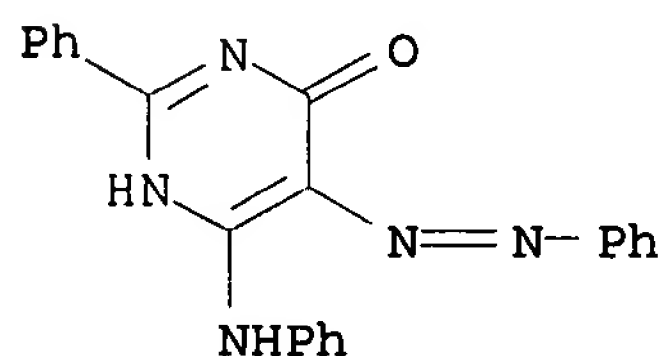
RN 31595-55-8 CAPLUS

CN 4(3H)-Pyrimidinone, 6-(p-bromoanilino)-5-[(p-nitrophenyl)azo]-2-phenyl-
(8CI) (CA INDEX NAME)



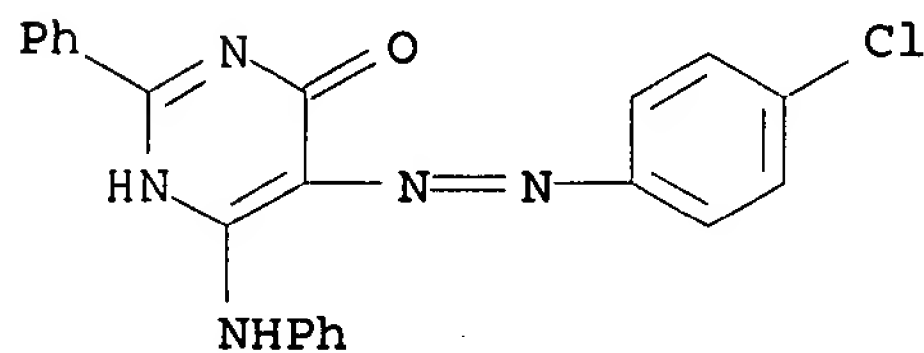
RN 31595-56-9 CAPLUS

CN 4(3H)-Pyrimidinone, 6-anilino-2-phenyl-5-(phenylazo)- (8CI) (CA INDEX
NAME)



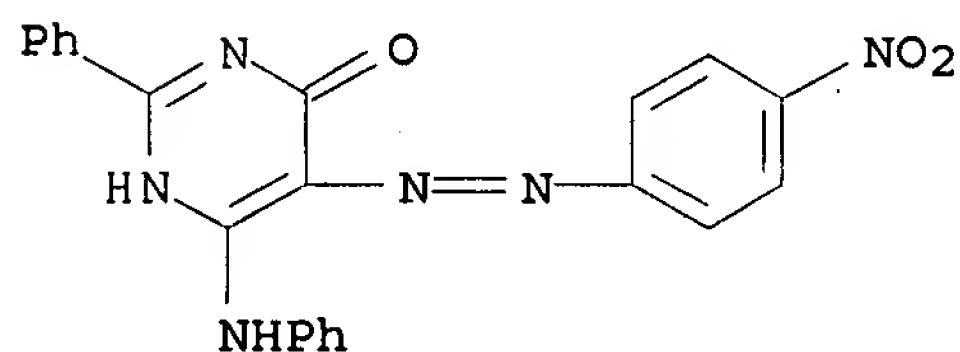
RN 31595-57-0 CAPLUS

CN 4(3H)-Pyrimidinone, 6-anilino-5-[(p-chlorophenyl)azo]-2-phenyl- (8CI) (CA
INDEX NAME)

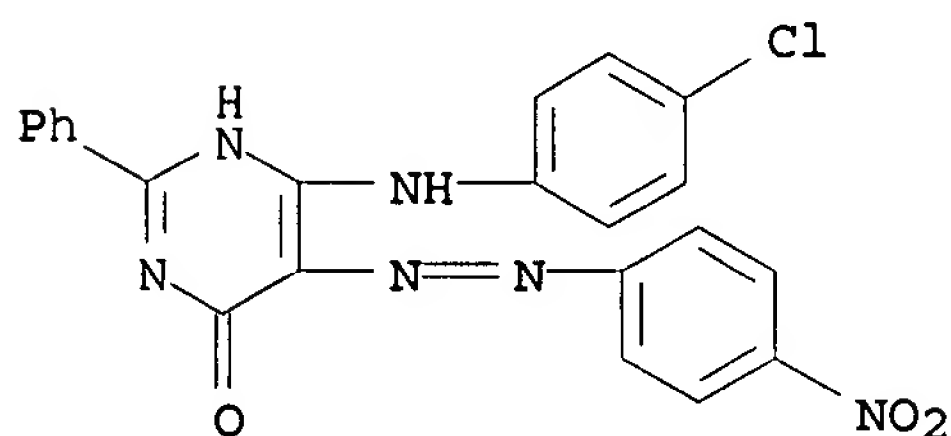


RN 31595-77-4 CAPLUS

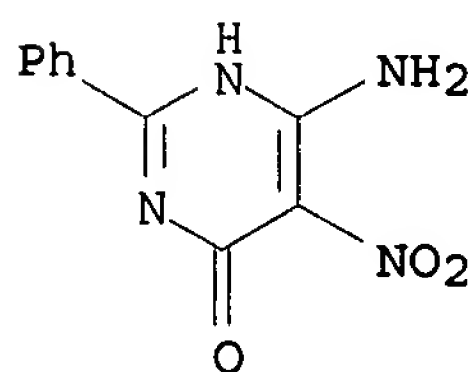
CN 4(3H)-Pyrimidinone, 6-anilino-5-[(p-nitrophenyl)azo]-2-phenyl- (8CI) (CA
INDEX NAME)



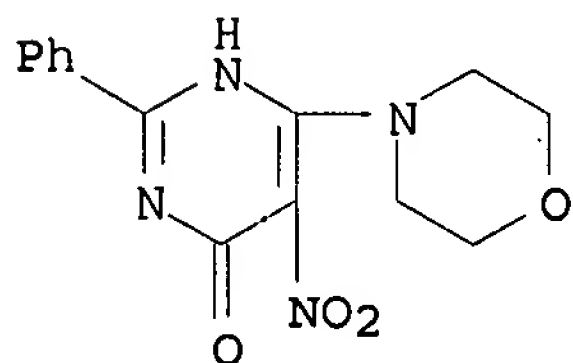
RN 31595-78-5 CAPLUS
CN 4(3H)-Pyrimidinone, 6-(p-chloroanilino)-5-[(p-nitrophenyl)azo]-2-phenyl-
(8CI) (CA INDEX NAME)



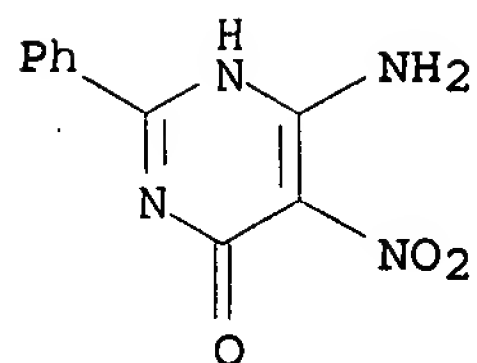
L24 ANSWER 24 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
IT 23120-15-2P 31575-76-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 23120-15-2 CAPLUS
CN 4-Pyrimidinol, 6-amino-5-nitro-2-phenyl- (8CI) (CA INDEX NAME)



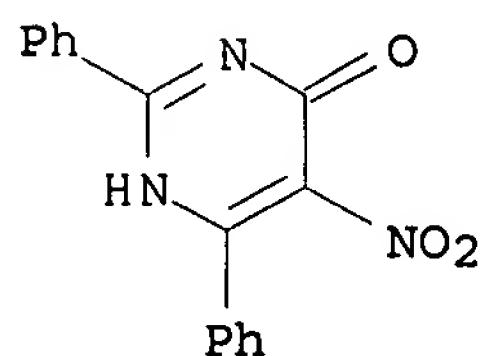
RN 31575-76-5 CAPLUS
CN 4-Pyrimidinol, 6-morpholino-5-nitro-2-phenyl- (8CI) (CA INDEX NAME)



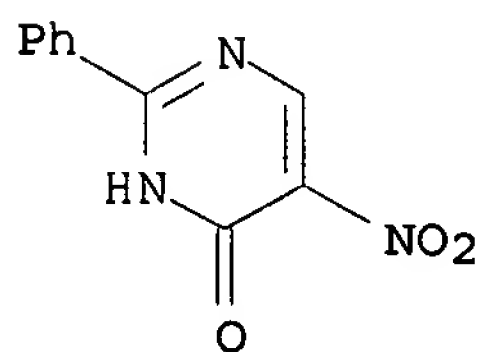
L24 ANSWER 25 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
IT 23120-15-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 23120-15-2 CAPLUS
CN 4-Pyrimidinol, 6-amino-5-nitro-2-phenyl- (8CI) (CA INDEX NAME)



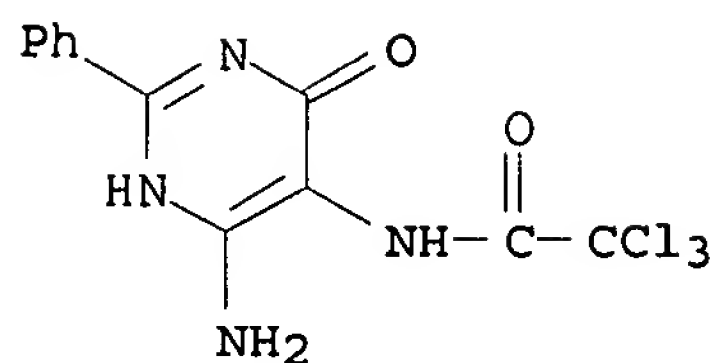
L24 ANSWER 26 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 20954-88-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 20954-88-5 CAPLUS
 CN 4(1H)-Pyrimidinone, 5-nitro-2,6-diphenyl- (9CI) (CA INDEX NAME)



L24 ANSWER 27 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 3749-46-0P, 4-Pyrimidinol, 5-nitro-2-phenyl-
 RL: PREP (Preparation)
 (preparation of)
 RN 3749-46-0 CAPLUS
 CN 4(1H)-Pyrimidinone, 5-nitro-2-phenyl- (9CI) (CA INDEX NAME)

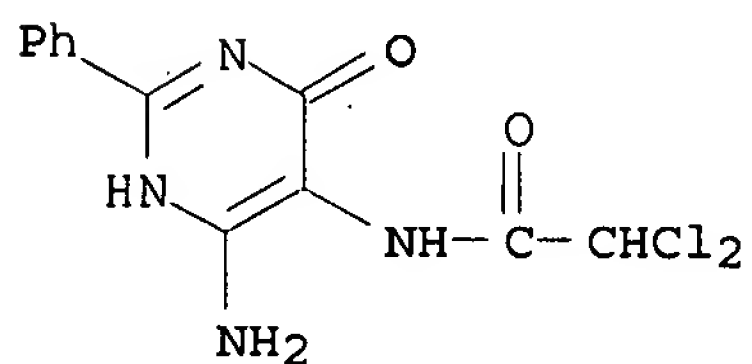


L24 ANSWER 28 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 91492-97-6P, 4-Pyrimidinol, 6-amino-2-phenyl-5-(2,2,2-trichloroacetamido)- 91962-07-1P, 4-Pyrimidinol, 6-amino-5-(2,2-dichloroacetamido)-2-phenyl-
 RL: PREP (Preparation)
 (preparation of)
 RN 91492-97-6 CAPLUS
 CN 4-Pyrimidinol, 6-amino-2-phenyl-5-(2,2,2-trichloroacetamido)- (7CI) (CA INDEX NAME)



RN 91962-07-1 CAPLUS

CN 4-Pyrimidinol, 6-amino-5-(2,2-dichloroacetamido)-2-phenyl- (7CI) (CA INDEX NAME)



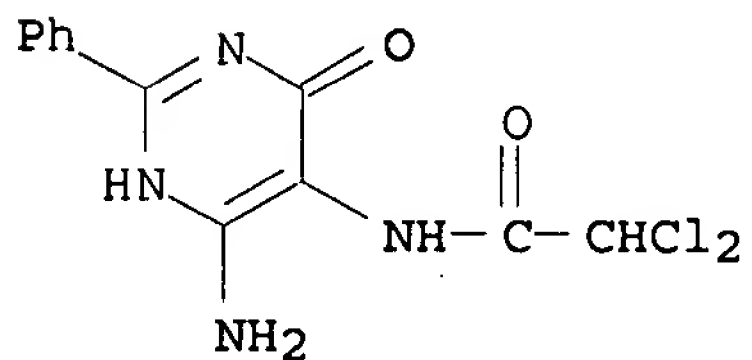
L24 ANSWER 29 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

IT 91962-07-1P, 4-Pyrimidinol, 6-amino-5-(2,2-dichloroacetamido)-2-phenyl-

RL: PREP (Preparation)
(preparation of)

RN 91962-07-1 CAPLUS

CN 4-Pyrimidinol, 6-amino-5-(2,2-dichloroacetamido)-2-phenyl- (7CI) (CA INDEX NAME)



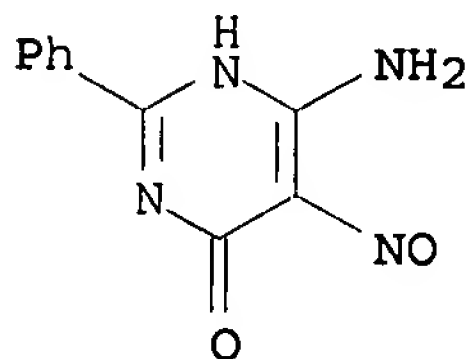
L24 ANSWER 30 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

IT 5466-66-0P, 4-Pyrimidinol, 6-amino-5-nitroso-2-phenyl-
61595-45-7P, 4-Pyrimidinol, 5,6-diamino-2-phenyl-

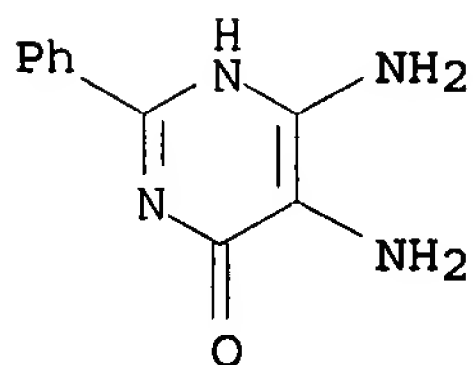
RL: PREP (Preparation)
(preparation of)

RN 5466-66-0 CAPLUS

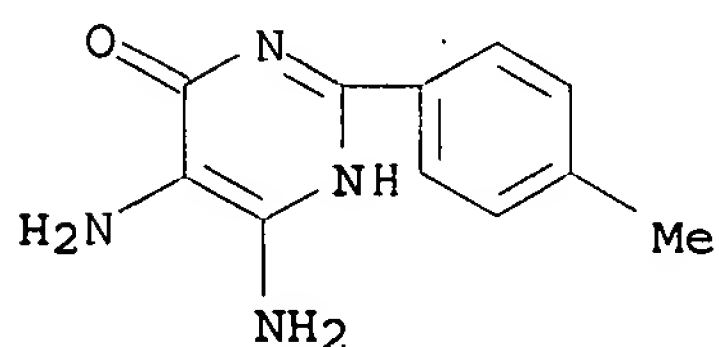
CN 4(3H)-Pyrimidinone, 6-amino-5-nitroso-2-phenyl- (CA INDEX NAME)



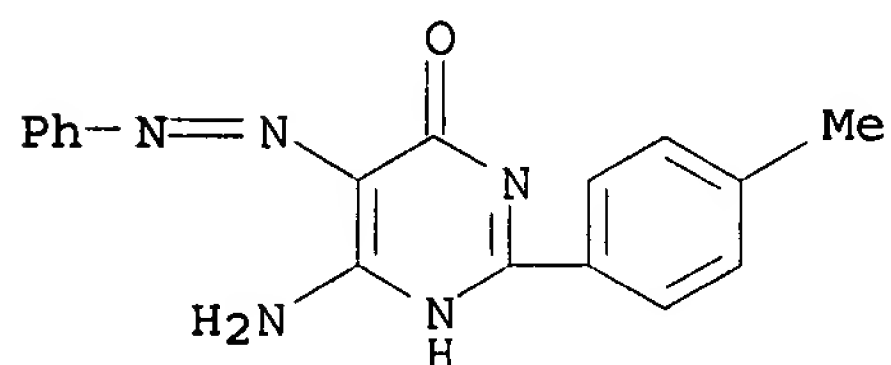
RN 61595-45-7 CAPLUS
CN 4(1H)-Pyrimidinone, 5,6-diamino-2-phenyl- (9CI) (CA INDEX NAME)



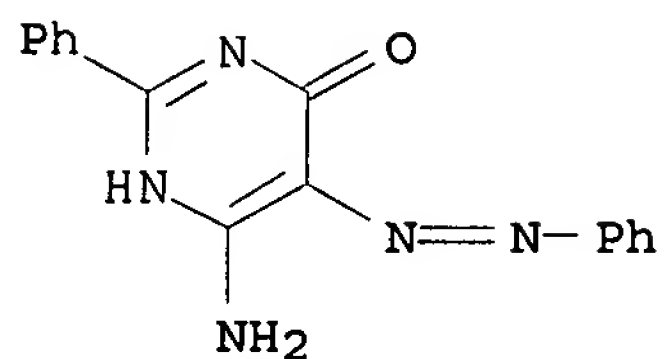
L24 ANSWER 31 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
IT 57075-48-6P, 4-Pyrimidinol, 5,6-diamino-2-p-tolyl-
857427-04-4P, 4-Pyrimidinol, 6-amino-5-phenylazo-2-p-tolyl-
RL: PREP (Preparation)
(preparation of)
RN 57075-48-6 CAPLUS
CN 4(1H)-Pyrimidinone, 5,6-diamino-2-(4-methylphenyl)- (9CI) (CA INDEX NAME)



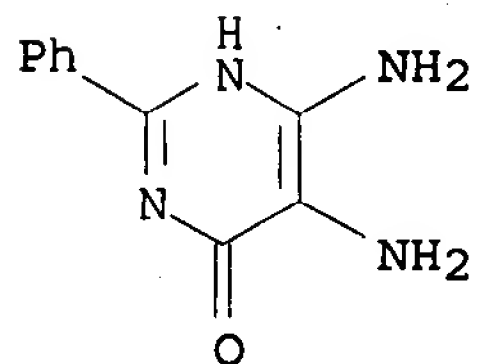
RN 857427-04-4 CAPLUS
CN 4-Pyrimidinol, 6-amino-5-phenylazo-2-p-tolyl- (5CI) (CA INDEX NAME)



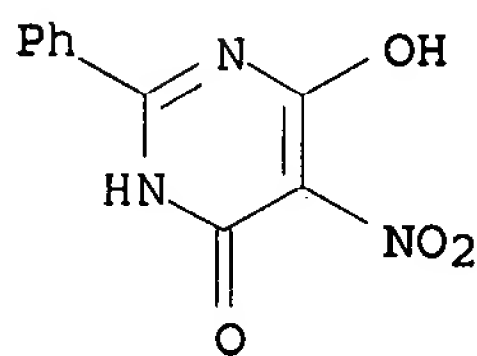
L24 ANSWER 32 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
IT 54014-72-1P, 4-Pyrimidinol, 6-amino-2-phenyl-5-phenylazo-
61595-45-7P, 4-Pyrimidinol, 5,6-diamino-2-phenyl-
RL: PREP (Preparation)
(preparation of)
RN 54014-72-1 CAPLUS
CN 4(1H)-Pyrimidinone, 6-amino-2-phenyl-5-(phenylazo)- (9CI) (CA INDEX NAME)



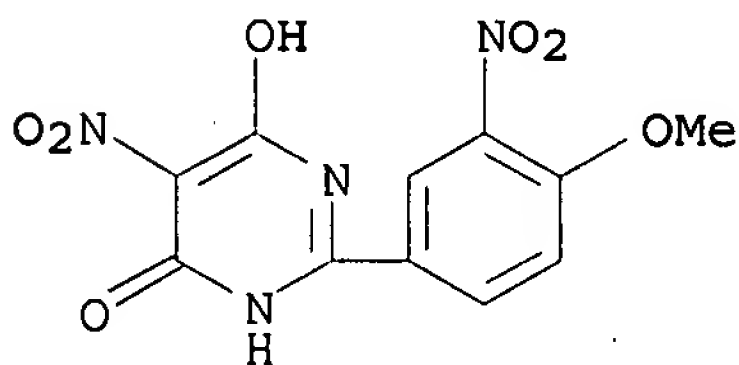
RN 61595-45-7 CAPLUS
 CN 4(1H)-Pyrimidinone, 5,6-diamino-2-phenyl- (9CI) (CA INDEX NAME)



L24 ANSWER 33 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
 IT 68905-99-7P, 4,6-Pyrimidinediol, 5-nitro-2-phenyl-
 857411-14-4P, 4,6-Pyrimidinediol, 2-(4-methoxy-3-nitrophenyl)-5-
 nitro- 857411-18-8P, 4,6-Pyrimidinediol, 2-(4-ethoxy-3-
 nitrophenyl)-5-nitro- 857427-78-2P, 4,6-Pyrimidinediol,
 2-(p-chlorophenyl)-5-nitro- 873409-36-0P, 4,6-Pyrimidinediol,
 2-(2-naphthyl)-5-nitro-
 RL: PREP (Preparation)
 (preparation of)
 RN 68905-99-7 CAPLUS
 CN 4(3H)-Pyrimidinone, 6-hydroxy-5-nitro-2-phenyl- (CA INDEX NAME)

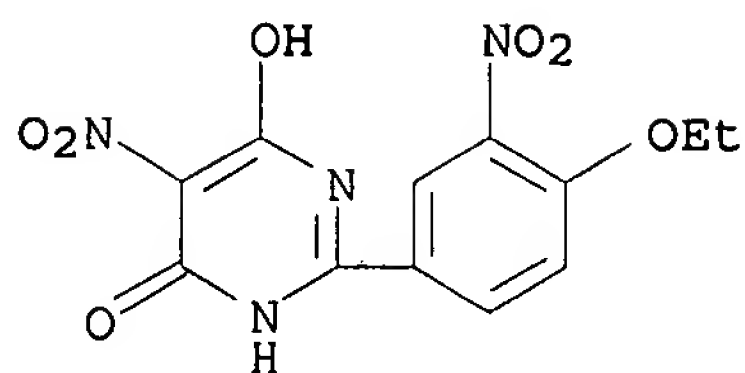


RN 857411-14-4 CAPLUS
 CN 4,6-Pyrimidinediol, 2-(4-methoxy-3-nitrophenyl)-5-nitro- (5CI) (CA INDEX NAME)



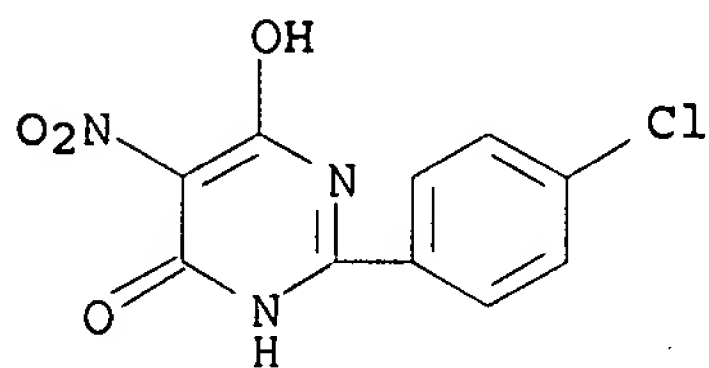
RN 857411-18-8 CAPLUS
 CN 4,6-Pyrimidinediol, 2-(4-ethoxy-3-nitrophenyl)-5-nitro- (5CI) (CA INDEX NAME)

NAME)



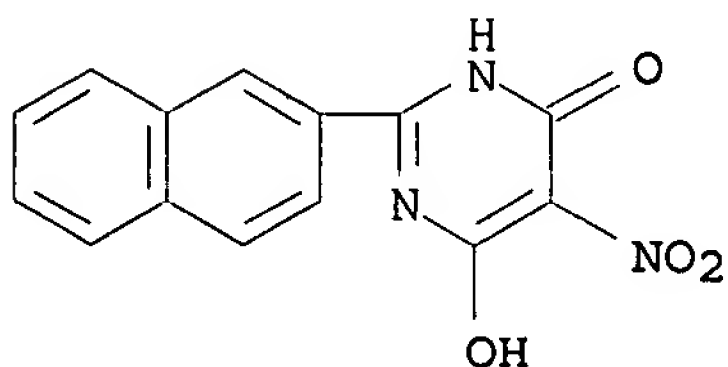
RN 857427-78-2 CAPLUS

CN 4,6-Pyrimidinediol, 2-(p-chlorophenyl)-5-nitro- (5CI) (CA INDEX NAME)



RN 873409-36-0 CAPLUS

CN 4,6-Pyrimidinediol, 2-(2-naphthyl)-5-nitro- (5CI) (CA INDEX NAME)



=> d 124 22 ibib abs hitstr

L24 ANSWER 22 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1971:510265 CAPLUS <<LOGINID::20070815>>

DOCUMENT NUMBER: 75:110265

TITLE: Reaction of 4,6-dimethoxy-5-nitropyrimidine with methylhydrazine. Formation of 4-hydrazine-6-hydroxypyrimidine

AUTHOR(S): Christensen, Bert E.; Stahl, Quade; Lehmkuhl, Frank

CORPORATE SOURCE: Dep. Chem., Oregon State Univ., Corvallis, OR, USA

SOURCE: Journal of Organic Chemistry (1971), 36(17), 2462-6
CODEN: JOCEAH; ISSN: 0022-3263

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 75:110265

AB Reaction of 4,6-dimethoxy-5-nitropyrimidine (I) with MeNHNH₂ in refluxing pyridine or BuOH involves methylation of the solvent by I and the nucleophilic substitution and demethylation of the methylhydrazino substituent in the 5 position to yield 4-hydrazino-6-hydroxypyrimidine. The first step in this sequence of reactions involves the methylation of the solvent, followed by nucleophilic substitution of methylhydrazine in

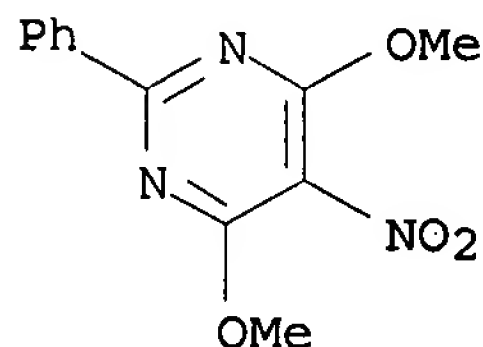
the 4 position, migration of its Me substituent to form C to O bond with the adjacent nitro substituent, and eventual elimination of Me nitrite from the 5 position as one of the reaction products. 4,6-Dimethoxy-5-nitropyrimidine reacts with pyridine (in the absence of MeNHNH2) to yield an insol. methylpyridium salt which is not a precursor of 4-hydrazino-6-hydroxypyrimidine. The mother liquor from this reaction on acid hydrolysis yields 4-hydroxy-6-methoxy-5-nitropyrimidine and reacts with MeNHNH2 to yield 4-hydroxy-6-hydrazinopyrimidine. Both 4-chloro-6-hydroxy-5-nitropyrimidine and 4,6-dichloro-5-nitropyrimidine react with MeNHNH2 in alc. to yield the corresponding methylhydrazino derivs.

IT 29939-35-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 29939-35-3 CAPLUS

CN Pyrimidine, 4,6-dimethoxy-5-nitro-2-phenyl- (CA INDEX NAME)



=> d 124 17-18 ibib abs hitstr

L24 ANSWER 17 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1973:466312 CAPLUS <<LOGINID::20070815>>

DOCUMENT NUMBER: 79:66312

TITLE: New synthesis of substituted 8-aminopurine derivatives

AUTHOR(S): Yoneda, Fumio; Higuchi, Masatsugu; Matsumura, Takafumi; Senga, Keitaro

CORPORATE SOURCE: Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SOURCE: Bulletin of the Chemical Society of Japan (1973), 46(6), 1836-9

CODEN: BCSJA8; ISSN: 0009-2673

DOCUMENT TYPE: Journal

LANGUAGE: English

GI For diagram(s), see printed CA Issue.

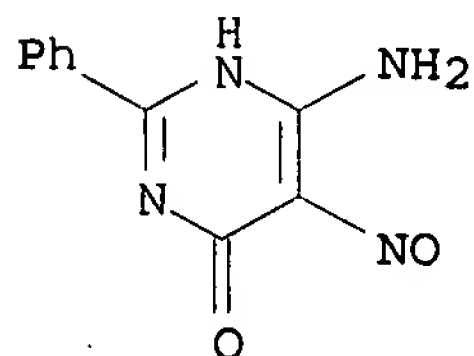
AB The treatment of 6-amino-5-nitrosopyrimidinediones with Vilsmeier-type reagents (substituted formamides and phosphorus oxychloride) afforded substituted 8-aminopurines (I, R = NMe2, NEt2, NHMe, NMePh). However, the treatment of 6-amino-4-hydroxy-2-methyl-5-nitrosopyrimidine with the same reagents gave 2-(chloromethyl)-8-(dimethylamino)-6-hydroxypurine.

IT 5466-66-0

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with formamides)

RN 5466-66-0 CAPLUS

CN 4(3H)-Pyrimidinone, 6-amino-5-nitroso-2-phenyl- (CA INDEX NAME)



L24 ANSWER 18 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1972:539952 CAPLUS <<LOGINID::20070815>>
DOCUMENT NUMBER: 77:139952
TITLE: Formation of new mesoionic pyrimidines
AUTHOR(S): Maki, Y.; Sako, M.; Suzuki, M.
CORPORATE SOURCE: Gifu Coll. Pharm., Gifu, Japan
SOURCE: Journal of the Chemical Society, Chemical
Communications (1972), (17), 999-1000
CODEN: JCCCAT; ISSN: 0022-4936
DOCUMENT TYPE: Journal
LANGUAGE: English

GI For diagram(s), see printed CA Issue.

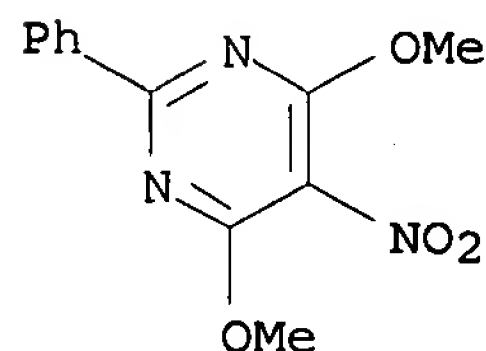
AB Pyrolysis of 4,6-dimethoxy-5-nitropyrimidine (I) at 200° for 15 min gave 70% anhydro-4-hydroxy-1,3-dimethyl-5-nitro-6-oxopyrimidinium (II) hydrochloride and 1-methyl-4-methoxy-5-nitro-6(1H)-pyrimidinone which at 200° gave II. Similarly the 2-phenyl derivative of I gave the corresponding pyrimidinium (III) hydrochloride (80%) and pyrimidinone which at 200° gave III. II or III with boiling aqueous KOH gave MeHNCO⁺C(NO₂):C(OH)NHMe quant. Pyrolysis of 4,6-dimethoxy-2-phenylpyrimidine caused O → N alkyl migration to give the corresponding N-alkyl derivs.

IT 29939-35-3

RL: RCT (Reactant); RACT (Reactant or reagent)
(pyrolysis of)

RN 29939-35-3 CAPLUS

CN Pyrimidine, 4,6-dimethoxy-5-nitro-2-phenyl- (CA INDEX NAME)



=> d 124 16 ibib abs hitstr

L24 ANSWER 16 OF 33 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1974:477865 CAPLUS <<LOGINID::20070815>>
DOCUMENT NUMBER: 81:77865
TITLE: Photochemical synthesis of condensed triazole N-oxide
AUTHOR(S): Maki, Yoshifumi; Suzuki, Mikio; Izuta, Keiji; Iwai, Shunji
CORPORATE SOURCE: Gifu Coll. Pharm., Gifu, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (1974), 22(6), 1269-74
CODEN: CPBTAL; ISSN: 0009-2363

DOCUMENT TYPE: Journal
LANGUAGE: English

GI For diagram(s), see printed CA Issue.

AB Photolysis of the uracil I (R = H) in C₆H₆ gave the pyrazolopyrimidine II and the triazolopyrimidine oxide III. Photolysis of I (R = Me) in MeCN at 338 mμ gave III exclusively.

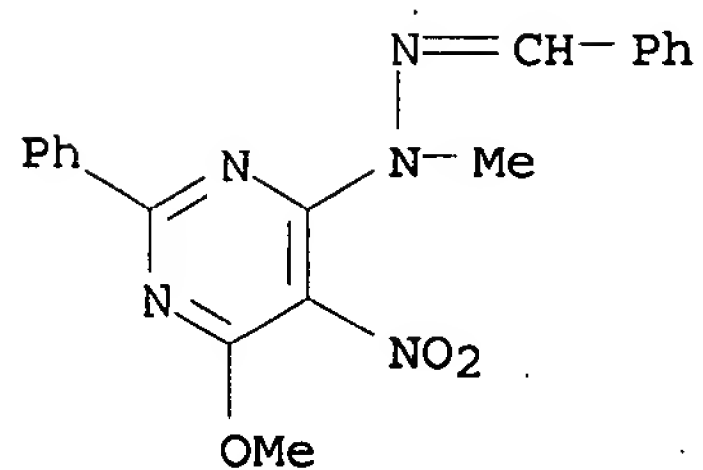
IT 53246-62-1

RL: RCT (Reactant); RACT (Reactant or reagent)
(photolysis of)

RN 53246-62-1 CAPLUS

CN Benzaldehyde, (6-methoxy-5-nitro-2-phenyl-4-pyrimidinyl)methylhydrazone

(9CI) (CA INDEX NAME)

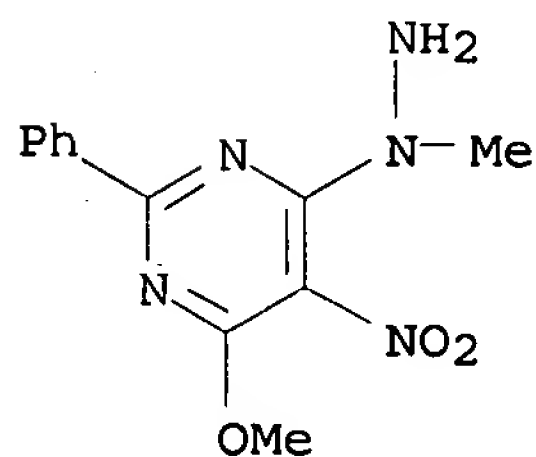


IT 53246-64-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 53246-64-3 CAPLUS

CN Pyrimidine, 4-methoxy-6-(1-methylhydrazino)-5-nitro-2-phenyl- (9CI) (CA INDEX NAME)



IT 53246-63-2

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with methylhydrazine)

RN 53246-63-2 CAPLUS

CN Pyrimidine, 4-chloro-6-methoxy-5-nitro-2-phenyl- (9CI) (CA INDEX NAME)

